

# Kide Science® Standards Crosswalk

for

## Missouri Early Learning Standards

Toddlers and Preschoolers



## Kide Science: About Us



Our activities are story-based inquiries - creating playful scenarios in your classroom.

**In every single lesson**, children advance crucial scientific-process skills (also known as inquiry skills):

- ✓ Observation
- ✓ Classification
- ✓ Communication
- ✓ Measurement
- ✓ Predication
- ✓ Interpretation
- ✓ Conclusion



**Egg-straordinary Nest Building**  
How do birds look after their babies?

Engineering Science Arts Mathematics

🕒 45 min lesson 📏 Easy preparation

In addition to these scientific inquiry skills, each lesson supports many other skills, including technological, social-emotional, linguistic, mathematical and movement skills.

We really are cross-curricular.

See [our other standards documents](#) for more details.

## How Kide Science correlates with Missouri Early Learning Standards



In this document we will show you:

1. A summary of how we support the **Missouri Early Learning Standard\***, in relation to:
  - The science domain
  - All other domains
2. Show you how we correlate with each **Early Learning Science Standard**, with activities suggested for each (inc. activities for example toddler and pre-school behaviors.)
3. Suggested activities for all of the **other standards** we correlate with.

\* We have based our alignment upon the 2021 revision of Missouri Early Learning Standards.



### Something missing?

If you have other curriculum requirements, don't hesitate to contact us through [info@kidescience.com](mailto:info@kidescience.com)

## Kide Science and Missouri Early Learning Standards



See how many of your **Science standards** we support!

The main focus of our program is on developing inquiry skills, by investigating science topics in play-based ways.

For specific lesson recommendations, see our more detailed correlation pages later on this document.



DOMAIN	We have lesson recommendations for:
<b>Science</b>	<b>100% of the domain</b>
<b>I Physical Science</b>	
A Explore, Investigate and Solve Problems of the Physical World	<b>4/4 standards</b>
<b>II Life Science</b>	
A Explore, Investigate and Solve Problems of Living Things	<b>4/4 standards</b>
<b>III Earth Science</b>	
A Explore, Investigate and Solve Problems Involving Properties of the Earth and Sky	<b>4/4 standards</b>

## Kide Science and Missouri Early Learning Standards



See how many of your other standards we support!

We also develop inquiry skills across many subjects. Therefore, we support the standards for several of the domains.

For our specific lesson recommendations, see the following standard correlation pages.



DOMAIN	We have lesson recommendations for:
<b>Approaches to Learning</b>	<b>100% of the domain</b>
<b>I Approaches to Learning</b>	
A Show Curiosity	3/3 standards
B Take Initiative	3/3 standards
C Exhibit Creativity	3/3 standards
D Show Confidence	2/2 standards
E Display Persistence	3/3 standards
F Use Problem-Solving Skills	3/3 standards
<b>Social-Emotional Development</b>	<b>100% of the domain</b>
<b>I Knowledge of Self</b>	
A Exhibit Self-Awareness	3/3 standards
B Develop Self-Control	4/4 standards
C Develop Personal Responsibility	2/2 standards
<b>II Knowledge of Others</b>	
A Build Relationships of Mutual Trust and Respect with Others	5/5 standards
B Work Cooperatively with Others	4/4 standards



# Kide Science and Missouri Early Learning Standards



DOMAIN	We have lesson recommendations for:
Language and Literacy *	63% of the domain
<b>I Spoken / Expressive Language</b>	
A Use Language to Communicate	4/4 standards
<b>II Listening / Receptive Language</b>	
A Listen for Different Purposes	5/5 standards
<b>III Written Language</b>	
A Use Writing as a Means of Expression / Communication	2/4 standards
<b>IV Knowledge of Print and Books</b>	
A Apply Early Reading Skills	3/6 standards
<b>V Sounds of Language (Phonological Awareness)</b>	
A Attend to Sounds of Language	0/3 standards

\* Our lessons are story based. This means children's comprehension of stories will be developed each lesson. Some of the lessons can be tweaked to include more writing and reading with the children, but this is not the main aim of our sessions.

# Kide Science and Missouri Early Learning Standards



DOMAIN	We have lesson recommendations for:
<b>Mathematics</b>	<b>80% of the domain</b>
<b>I Number and Operations</b>	
A Develop Number Sense	2/2 standards
B Develop Numerical Representation	3/3 standards
<b>II Geometry and Spatial Sense</b>	
A Investigate Positions and Locations	3/3 standards
B Explore Shapes	3/3 standards
<b>III Patterns and Relationships (Algebra)</b>	
A Develop an Awareness of Patterns	0/3 standards
<b>IV Measurement</b>	
A Use Measurement	4/4 standards
<b>V Data</b>	
A Explore Data	1/2 standards

# Kide Science and Missouri Early Learning Standards



DOMAIN	We have lesson recommendations for:
Physical Development	75% of the domain
<b>I Physical Development and Coordination</b>	
A Use Gross Motor Skills with Purpose and Coordination	3/3 standards
B Use Fine Motor Skills with Purpose and Coordination	3/3 standards
C Respond to Sensory Input to Function in the Environment	4/4 standards
<b>II Health</b>	
A Practice Healthy Behaviors	2/3 standards
<b>III Safety</b>	
A Practice Safe Behaviors	0/3 standards
<b>Expressive Arts</b>	100% of the domain
<b>I Music and Movement</b>	
A Show Interest in Music and Movement	2 /2 standards
<b>II Visual Arts</b>	
A Show Interest in Visual Arts	3/3 standards
<b>III Drama</b>	
A Show Interest in Dramatic Arts	4/4 standards





# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## SCIENCE

We correlate with 100% of the standards of the **Science domain** from the Missouri Early Learning Standards.

This is the main focus of our program: to develop inquiry skills through science topics, using play-based ways.

### I. Physical Science



#### A. Explore, Investigate and Solve Problems of the Physical World

#### Kide activity suggestions



1. Ask questions

We develop these skills throughout **all** of our lessons.



2. Make predictions based on experiences

See especially:  
Our [physics](#) bundle  
and  
Our [chemistry](#) bundle



3. Experiment



4. Reflect on results

#### A toddler may...

Use objects in a purposeful way, such as pushing, pulling or sliding

[Caring for a Pet Dog](#)  
[Friction on the Slopes](#)  
[Force of the Wind](#)

Look at, bang and shake toys to see how they work

Toy investigations:  
[Toy Troubles](#)  
[Planes Trains and Hot Air Balloons](#)

Notice differences in textures

[A Slimy Surprise](#)  
[White as Snow](#) (phase 1 and 2)  
[Toy Troubles](#)

Use simple tools, such as funnels, unbreakable mirror or cups

Many lessons, for example:  
[Hoseli's Balloon-Party Problem](#)  
[Upside Down](#) (activity 1)  
[Who Stole the Salt?](#)

#### Adults may...

Provide a variety of objects that move, such as balls, pull and push toys and riding toys

Many lessons, especially  
[Crab Walk](#)  
[Friction on the Slopes](#)  
[A Frantic Fall](#)

Encourage the child to experiment with objects

All lessons

Describe objects and materials, using phrases such as "This blanket is soft."

All lessons, especially  
[Floating Problems](#)  
[Measuring](#)  
[Treasure Hunt](#)  
[Egg-straight Nest Building](#)

Provide collections of materials with different properties, such as balls that are big, small, smooth, bumpy, spherical, elliptical, heavy, light, etc



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## SCIENCE

### I. Physical Science



#### A. Explore, Investigate and Solve Problems of the Physical World

A preschooler may...		Kide activity suggestions
	Make connections between cause and effect when playing with marble mazes or cars and ramps.	<a href="#">A Frantic Fall</a> <a href="#">Friction on the Slopes</a> <a href="#">Lift it up!</a> <a href="#">Safe Landing</a>
	Use tools such as ramps, magnets, scales, eyedroppers or binoculars	Many lessons, for example: <a href="#">Mystical Magnets</a> <a href="#">Hoseli's Journey</a> <a href="#">Pi Hiding</a> <a href="#">It's Raining</a> <a href="#">Beehive</a> <a href="#">A Frantic Fall</a> <a href="#">Friction on the Slopes</a>
	Describe properties, using phrases such as "This slide is slick."	All lessons, for example: <a href="#">A Frantic Fall</a> <a href="#">Friction on the Slopes</a> <a href="#">Treasure Hunt</a> <a href="#">What's Your Superpower?</a>
	Notice similarities and differences of objects, using phrases such as "This ball will bounce higher."	Many lessons, for example <a href="#">Safe Landing</a> <a href="#">Floating Problems</a> <a href="#">Balancing Problems</a> <a href="#">Crab Walk</a>
	Document predictions and outcomes	For example <a href="#">Force of the Wind</a> <a href="#">Hiding in Plain Sight</a>
Adults may...		Kide activity suggestions
	Ask the child questions about materials and/or objects, asking questions such as "How can you find out?"	All lessons
	Encourage the child to experiment and explore to find answers, asking questions such as "How do you know?"	
	Provide tools, such as scales, binoculars, magnifying glasses, cups, jars, and paper sacks	Many lessons, for example: <a href="#">Measuring</a> <a href="#">Pi Hiding</a> <a href="#">Breathing Leaves</a> <a href="#">Leaving Your Mark</a>
	Make play dough or goop	<a href="#">A Slimy Surprise</a> <a href="#">The Curious Colorful Rivers (esp. activity 2)</a> <a href="#">Foam Eruption (activity b)</a>
	Cook with the child	<a href="#">An Exact Science</a> <a href="#">Mrs Noblegas's Blob Soup</a> <a href="#">Hoseli's Instant Sorbet</a>



## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### SCIENCE



II. Life Science		
A. Explore, Investigate and Solve Problems of Living Things		
		Kide activity suggestions
	1. Ask questions	We develop these skills throughout all of our lessons.  See especially: Our <a href="#">biology</a> bundle or Our <a href="#">plants and animals</a> bundle
	2. Make predictions based on experiences	
	3. Experiment	
	4. Reflect on results	
A toddler may...		
	Participate in songs, finger plays and stories about living things	<a href="#">Habitat Hunting</a> <a href="#">What makes a Living Thing?</a> <a href="#">Caring for a Pet Dog</a> <a href="#">Hiding in Plain Sight</a> <a href="#">Breathing Leaves</a> <a href="#">From Seed to Plant</a>
	Participate in nature activities	
	Point to the animal in a story	
	Help take care of plants or animals	
Adults may...		
	Sing songs about animals and sounds, such as Old MacDonald had a Farm  Provide a variety of non-fiction books with pictures of real living things  Hang a bird feeder by a window where the child can observe it  Plant an herb or vegetable garden with the child	-
	Have the child care for a plant and observe its growth	<a href="#">From Seed to Plant</a>
	Help the child pick vegetables and let them eat them for a snack	<a href="#">Fruity Surprise</a>
	Go outside often with the child	See many of our <a href="#">outdoor activities</a>



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## SCIENCE

### II. Life Science



#### A. Explore, Investigate and Solve Problems of Living Things

A preschooler may...		Kide activity suggestions
Look for insects		<a href="#">Busy Bees</a> <a href="#">Beehive</a> <a href="#">Hiding in Plain Sight</a>
Help plant and harvest a garden		<a href="#">From Seed to Plant</a>
Compare plants and animals, using phrases such as “These are farm animals.”		<a href="#">Habitat Hunting</a> <a href="#">Puppy Playtime</a> <a href="#">Caring for a Pet Dog</a> <a href="#">Habitat Hunting</a>
Describe what they know about animals		
Know that living things need water and food		<a href="#">What makes a Living Thing?</a> <a href="#">Habitat Hunting</a> <a href="#">From Seed to Plant</a> <a href="#">Caring for a Pet Dog</a>
Take care of plants or animals		<a href="#">From Seed to Plant</a> <a href="#">Caring for a Pet Dog</a>
Play outside		Our <a href="#">outdoor activities</a> , for example: <a href="#">Breathing Leaves</a> <a href="#">Summer sandcastles</a> <a href="#">Hiding in Plain Sight</a> <a href="#">Space Adventure</a> <a href="#">Stop and Go</a> <a href="#">Party Robot</a>
An adult may...		
Allow time for the child to observe living things		For example <a href="#">Breathing Leaves</a> <a href="#">From Seed to Plant</a>
Allow the child to take care of plants or animals		<a href="#">From Seed to Plant</a> <a href="#">Puppy Playtime</a> <a href="#">Caring for a Pet Dog</a>
Discuss what plants and animals need to survive		<a href="#">Habitat Hunting</a> <a href="#">Freezing Surprise</a>
Provide opportunities to observe animals in various stages of their life cycle, such as a frog, chicken or butterfly		<a href="#">Egg-straordinary Nest-Building</a> <a href="#">Come Out Pikkuli!</a>
Ask open-ended questions, such as “Why do you think this is growing on the tree?”		<a href="#">From Seed to Plant</a>
Go on a nature walk with the child		<a href="#">Breathing Leaves</a>
Go outside often with the child		Our <a href="#">outdoor activities</a>



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## SCIENCE

### III. Earth Science



#### A. Explore, Investigate and Solve Problems Involving Properties of the Earth and Sky

		Kide activity suggestions
	1. Ask questions	<p>We develop these skills throughout all of our lessons.</p> <p>See especially: Our <a href="#">weather/seasons</a> bundle or <a href="#">Space Adventure</a> <a href="#">Spooky Shadows</a></p>
	2. Make predictions based on experiences	
	3. Experiment	
	4. Reflect on results	
<b>A toddler may...</b>		
	Play in the sand, dirt or water using tools, such as scoops or shovels	<a href="#">Summer Sandcastles</a>
	Observe the clouds, moon and stars	<a href="#">Make it Rain!</a> <a href="#">Space Adventure</a>
	Play with their shadow	<a href="#">Spooky Shadows</a>
	Use words to name weather conditions, such as rainy, cold or hot	<p>See our activity bundle <a href="#">Kelvin's Weather Adventure</a></p> <p>Along with: <a href="#">Colorful Drawing Book</a> <a href="#">Magical Winter Garden</a> <a href="#">A Freezing Surprise</a> (activity a)</p>
	Question interactions with weather, asking questions such as "Why can't we go outside?"	
	Observe the weather by listening to the rain, pointing to snow or jumping when they hear thunder	
<b>An adult may...</b>		
	Provide a variety of common earth materials, such as sand, dirt and water	<a href="#">Summer sandcastles</a> <a href="#">From Seed to Plant</a> <a href="#">Pressure in the Puddle</a> <a href="#">Growing Dino</a> <a href="#">A Floaty Drink</a> <a href="#">Beehive</a>
	Name weather conditions using words, such as gusty, breezy, drizzle and blowing	See our activity bundle <a href="#">Kelvin's Weather Adventure</a>
	Read books with real pictures of the earth and sky	-



## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### SCIENCE

#### III. Earth Science



##### A. Explore, Investigate and Solve Problems Involving Properties of the Earth and Sky

A preschooler may...		Kide activity suggestions
Identify or label characteristics of earth materials, such as sand, dirt and water		<a href="#">Summer sandcastles</a> <a href="#">From Seed to Plant</a> <a href="#">A Floaty Drink</a> <a href="#">Perfect Hairstyle Solution</a>
Notice different weather conditions		See our activity bundle <a href="#">Kelvin's Weather Adventure</a> Along with: <a href="#">The Great Inventors of the Secret Forest</a>
Use tools to investigate properties of the earth, such as pinwheels, magnifying glasses or prisms		<a href="#">Breathing Leaves</a> <a href="#">Pi Hiding</a>
Participate in activities related to the earth, such as making mud, looking at stars and making sand castles		<a href="#">Summer Sandcastles</a>
Help with recycling or conservation activities		<a href="#">Toy Troubles</a> <a href="#">What a Machine! (activity C)</a>
Notice seasonal changes		For example: <a href="#">Getting Dressed for Autumn</a> <a href="#">Magical Winter Garden</a> <a href="#">From Seed to Plant</a> <a href="#">Summer Sandcastles</a>
Adults may...		
Read aloud books and magazines about the earth and sky		-
Provide books and magazines about the earth and sky		
Use weather vocabulary		See our activity bundle <a href="#">Kelvin's Weather Adventure</a>  Along with: <a href="#">The Great Inventors of the Secret Forest</a> <a href="#">Getting Dressed for Autumn</a> <a href="#">Magical Winter Garden</a> <a href="#">From Seed to Plant</a> <a href="#">Summer Sandcastles</a>
Provide opportunities to play with dirt, sand and mud		
Ask open-ended questions, such as "Why do you think the puddle is gone?"		
Encourage the child to make observations and comparisons about the sky, weather and seasons		<a href="#">Welcome to Supraland</a> <a href="#">What a Machine!</a> <a href="#">Lift It Up!</a>
Discuss recycling		

## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### APPROACHES TO LEARNING

We correlate with 100% of the Approaches to Learning Standards.

Approaches to learning are at the very heart of what we do at Kide Science. Our aim is to create the next generation of critical thinkers, so every single one of our lessons gives children the opportunity to persevere to solve a problem, using creative thinking, science process skills and questioning skills.

#### I. Approaches to Learning



##### A. Show curiosity

##### Kide activity suggestions

	1. Express interest in people	All lessons, see especially our <a href="#">Emotional skills activity bundle</a>
	2. Show interest in learning new things and trying new experiences	All lessons
	3. Ask questions	
<b>A toddler may...</b>		
	Observe and interact with others	All lessons
	Show concern for the feelings of others	All lessons, see especially our <a href="#">Emotional skills activity bundle</a>
	Explore their environment	All lessons
	Practice new skills and develop independence while taking appropriate risks	
	Ask questions, such as "Why?"	
<b>A preschooler may...</b>		
	Ask about others	All lessons, see especially our <a href="#">Emotional skills activity bundle</a>
	Develop personal interest in topics, such as trains, dinosaurs and dolls	All lessons
	Experiment with toys, using trial and error	
	Ask questions	
	Ask others for personal information, such as "What's your name?"	<a href="#">Come out, Pikkuli!</a> <a href="#">Welcome to Supraland</a> <a href="#">True Friends</a>



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## APPROACHES TO LEARNING

I. Approaches to Learning		
B. Take Initiative		Kide activity suggestions
✓	1. Initiate interaction with others	All activities
✓	2. Make decisions independently	
✓	3. Develop independence during activities, routines and play	
A toddler may...		Kide activity suggestions
	Request, verbally or non-verbally, for familiar adults to sing, read or play Move or run toward familiar caregivers, friends or family members	-
	Express likes and dislikes	<a href="#">Welcome to Supraland</a> <a href="#">Fruity Surprise</a>
	Attempt to complete age-appropriate tasks, such as putting on socks and picking up toys	<a href="#">Getting Dressed for Autumn</a>
A preschooler may...		Kide activity suggestions
	Participate in group activities and games	All activities
	Offer to help with tasks, such as setting the table or feeding a pet	All activities: to help our characters
	Select materials for a project	All activities
	Repeatedly ask for a favorite book to be read Hang-up personal belongings or put them in designated place Ask a friend to join in play	-





# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## APPROACHES TO LEARNING

I. Approaches to Learning		
	<b>C. Exhibit Creativity</b>	<b>Kide activity suggestions</b>
	1. Try new ways of doing things	All lessons
	2. Use imagination to generate a variety of ideas	
	3. Exhibit sense of humor	
A toddler may...		Kide activity suggestions
	Move their body in new and different ways, such as tiptoeing, reaching, balancing and jumping	Take a look at our <a href="#">Movement activity bundle</a>
	Sing	Opportunities to sing during: <a href="#">True Friends</a> <a href="#">Make Some Music!</a> <a href="#">Planes, Trains and Hot Air Balloons</a>
	Act out roles in pretend play	All activities (as investigators). Also for example: <a href="#">Party Robot</a> <a href="#">Stop and Go</a> <a href="#">Egg-straordinary Nest Building</a>
	Create artwork with age-appropriate materials	<a href="#">Magical Winter Garden</a> <a href="#">Foaming Colors</a> <a href="#">Crystal Rain</a>
	Use objects for multiple purposes, such as using a block as a car	<a href="#">Treasure Hunt</a> <a href="#">Habitat Hunting</a> <a href="#">Planes, Trains and Hot Air Balloons</a>
	Laugh with adults	All activities



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## APPROACHES TO LEARNING

I. Approaches to Learning		
	C. Exhibit Creativity (continued)	Kide activity suggestions
	1. Try new ways of doing things	All lessons
	2. Use imagination to generate a variety of ideas	
	3. Exhibit sense of humor	
A preschooler may...		Kide activity suggestions
	Complete projects differently than others	All activities, especially: <a href="#">Welcome to Supraland</a> <a href="#">Toy Troubles</a>
	Use materials in new ways	All activities, especially: <a href="#">Toy Troubles</a> <a href="#">Habitat Hunting</a>
	Invent new activities and games Suggest new rules for a familiar game	For example <a href="#">True Friends</a> <a href="#">Space Adventure</a>
	Make up jokes	-
	Laugh at a funny story	All lessons
	Make up silly songs or stories	For example: <a href="#">Journey into Imagination</a> <a href="#">A Kingdom Underneath the Ice</a> <a href="#">Welcome to Supraland</a> <a href="#">A Slimy Surprise (activity C)</a>
	Create new dance moves	<a href="#">Party Robot</a> <a href="#">True Friends</a> <a href="#">Flowery Business (activity C)</a>
	Engage in pretend play	All activities, for example: <a href="#">The Great Inventors of the Secret Forest</a>

# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## APPROACHES TO LEARNING

I. Approaches to Learning		
D. Show Confidence		Kide activity suggestions
✓	1. Express ideas and opinions	All lessons
✓	2. View self as competent and has a positive self-image	
A toddler may...		Kide activity suggestions
	Use words or gestures to communicate	All lessons
	Choose their own clothing and dress themselves	<a href="#">Getting Dressed for Autumn</a>
	Carry their own supplies, such as a backpack or toys	-
	Show preference for their favorite foods	<a href="#">Fruity Surprise</a>
	Talk and use phrases, such as "I do it."	All lessons, especially when reporting back to the story character
A preschooler may...		Kide activity suggestions
	Communicate likes and dislikes	<a href="#">Welcome to Supraland</a> <a href="#">Fruity Surprise</a>
	Suggest a solution for a conflict or problem	All lessons
	Share ideas in a group situation, such as with family or peers	All lessons
	Engage in challenging gross motor activities	See our <a href="#">Movement activity bundle</a>
	Build large and more complex structures	<a href="#">Sugary Problems</a> <a href="#">Lift it Up</a> <a href="#">Carousel</a> <a href="#">Planning an Escape</a> <a href="#">The Great Inventors of the Secret Forest</a>
	Create more complex artwork	<a href="#">Welcome to Supraland</a> <a href="#">What a Machine! (activity C)</a> <a href="#">Fruity Surprise</a> <a href="#">What Makes a Living Thing (activity b)</a>
	Participate in more complex activities, such as number games, writing and <a href="#">science experiences</a>	All lessons



## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### APPROACHES TO LEARNING



I. Approaches to Learning		
E. Display Persistence		Kide activity suggestions
	1. Sustain attention to a task or activity that is age-appropriate	All lessons
	2. Pursue challenges	
	3. Cope with frustration	
A toddler may...		Kide activity suggestions
	Play independently for a short period of time	<a href="#">Pikkuli Finds a Friend</a>
	Attempt to complete a simple task, such as a simple puzzle or nesting cups	All lessons
	Attempt new physical skills	
A preschooler may...		Kide activity suggestions
	Remain engaged in an activity, such as building an elaborate block structure or playing a game	All lessons
	Attend to a task regardless of distractions	
	Show understanding when a peer accidentally knocks down their block structure	
	Lose a game without getting upset	
	Persist in trying to complete a task after many attempts have failed, such as tying shoes	



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## APPROACHES TO LEARNING



I. Approaches to Learning		
F. Use Problem-Solving Skills		Kide activity suggestions
	1. Recognize problems	All lessons
	2. Try to solve problems	
	3. Work with others to solve problems	
<b>A toddler may...</b>		
	<p>Notice when something is different or out of the ordinary</p> <p>Verbalize that there is a problem</p> <p>Ask for help</p> <p>Change their behavior in response to problem</p> <p>Attempt to take turns with others</p>	All lessons
<b>A preschooler may...</b>		
	<p>State a personal problem, such as "I can't get my jacket zipped." or "I can't find the purple marker."</p> <p>Anticipate potential for problems, using phrases such as "If I climb too high, I won't be able to get down."</p> <p>Recall a previous problem and the solution</p> <p>Participate in decision making</p> <p>Take turns or share with others</p>	All lessons



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## SOCIAL-EMOTIONAL DEVELOPMENT

We correlate with 100% of the Social-Emotional Development Skills

In addition to the more traditional STEAM areas, our cross-curricular programme also has activities to support SEL skills. Also, our story characters' feelings provide a context to discuss social and emotional topics.

Whilst we don't claim to *fully* match with these standards, here you can find suggested activities for the ones we do.

### I. Knowledge of Self



#### A. Exhibit Self-Awareness

#### Kide activity suggestions

	1. Show respect for self	<a href="#">What's Your Superpower?</a> <a href="#">Welcome to Supraland</a> <a href="#">What makes a Living Thing (activity C)</a>  Along with our <a href="#">Emotional skills bundle</a>
	2. Develop personal preferences	
	3. Know personal information	
<b>A toddler may...</b>		
	Have a comfort toy or object	-
	Express pride in their accomplishments by smiling, clapping their hands or dancing in place	All lessons, for example: <a href="#">Come Out, Pikkuli</a>
	Show a strong desire for independence by shaking their head, turning away or using phrases such as "Me do it."	-
<b>A preschooler may...</b>		
	Know personal information, such as their name, their age and the names of significant adults	-
	Have a favorite song or book	-
	Sing or read along with their favorite song or book	-
	Take care of their basic needs, such as brushing their teeth, dressing themselves or getting a drink of water	<a href="#">Getting Dressed for Autumn</a>
	Perform simple chores, such as feeding the dog, setting the table or putting away materials after they are done using them	<a href="#">A Celebration Meal</a> <a href="#">Caring for a Pet Dog</a>
	Stand up for their rights and express their needs	-
	Describe themselves using basic characteristics	<a href="#">What's Your Superpower?</a> <a href="#">Welcome to Supraland</a> <a href="#">What Makes a Living Thing (activity C)</a>  Along with our <a href="#">Emotional skills bundle</a>



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## SOCIAL-EMOTIONAL DEVELOPMENT



I. Knowledge of Self		
B. Develop Self-Control		Kide activity suggestions
✓	1. Follow simple rules	Across all lessons
✓	2. Accept transitions and follow daily routines	
✓	3. Express feelings through appropriate gestures, action and language	See especially our <a href="#">Emotional skills bundle</a>
✓	4. Adapt to different environments	See our <a href="#">Outdoor</a> bundle
A toddler may...		
	Try to help or give comfort when others are distressed	See especially our <a href="#">Emotional skills bundle</a>
	Seek comfort from familiar adults when they are afraid	
	Be redirected and follow simple directions	Across all lessons
	Follow a daily routine	-
A preschooler may...		
	Recognize and follow rules in a variety of settings, such as home, school or the grocery store	-
	Recognize and follow safety rules	Excellent opportunities across all lessons, especially <a href="#">Stop and Go</a> <a href="#">Fruity Surprise</a>
	Recognize and participate in daily routines	-
	Share in the happiness or success of others	Across all lessons See especially our <a href="#">Emotional skills bundle</a>
	Offer help to someone who is hurt	<a href="#">Puppy Playtime</a>
	Separate easily from familiar adults	-



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## SOCIAL-EMOTIONAL DEVELOPMENT

I. Knowledge of Self		
C.. Develop Personal Responsibility		Kide activity suggestions
✓	1. Care for personal and group belongings	Excellent opportunities across all lessons
✓	2. Begin to accept the consequences of their own actions	
A toddler may...		
	Pick up toys with help	Excellent opportunities across all lessons
	Put their backpack, coat or shoes in their designated spaces	Excellent opportunities across all lessons, especially: <a href="#">Getting Dressed for Autumn</a>
	Handle books carefully	-
	Try to help clean up a spill	Many lessons, for example <a href="#">Foaming Colors</a> <a href="#">Colorful Drawing Book</a> <a href="#">On the Pond</a>
A preschooler may...		
	Handle books and other objects carefully	Excellent opportunities across all lessons
	Put away their belongings and materials	
	Complete their personal care routines, such as toileting, washing hands and eating	<a href="#">Fruity Surprise</a> <a href="#">Getting Dressed for Autumn</a> <a href="#">Germs in Hiding</a>
	Take ownership of their actions	Excellent opportunities across all lessons





## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### SOCIAL-EMOTIONAL DEVELOPMENT

II. Knowledge of Others		
A. Build Relationships of Mutual Trust and Respect with Others		Kide activity suggestions
✓ 1. Respect rights of others		See especially our <a href="#">Emotional</a> and <a href="#">Collaboration</a> skills bundles
✓ 2. Seek comfort and security from significant adults		
✓ 3. Develop friendships		
✓ 4. Use courteous words and actions		
✓ 5. Respect similarities and differences among people		
A toddler may...		
	Share toys or objects with support from an adult Seek help from adults Show preference for specific children or adults Show concern for another child who is upset Say "please," "thank you," "hello" and "goodbye"	Excellent opportunities across all lessons
A preschooler may...		
	Recognize that individuals have different religions, cultures, traditions and abilities	<a href="#">A Celebration Meal</a>
	Respect the personal space of others	<a href="#">True Friends</a> <a href="#">Lava Pond</a>
	Use an adult as a resource Follow adults' guidelines Seek comfort and security from familiar adults Play cooperatively with other children Understand their behavior has an effect on others	Excellent opportunities across all lessons



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## SOCIAL-EMOTIONAL DEVELOPMENT

II. Knowledge of Others		
 B. Work Cooperatively with Others		Kide activity suggestions
 1. Participate successfully as a member of a group		All lessons,  See especially our <a href="#">Collaboration activity bundle</a>
 2. Share experiences and ideas with others		
 3. Begin to examine a situation from another person's perspective		
 4. Resolve conflicts with others		
<b>A toddler may...</b>		
	Imitate others in the family or group Interact and play with other children Take turns with the support of an adult Seek an adult's help when a conflict arises	All lessons,  See especially our <a href="#">Collaboration activity bundle</a>
<b>A preschooler may...</b>		
	Allow others to join in play and activities Participate cooperatively in large and small groups, sometimes as the leader and sometimes as a follower Engage in conversation to express their own ideas Express empathy Adjust plans in consideration of others Show interest in fairness and establishing rules Attempt to make amends	All lessons  See especially our <a href="#">Collaboration activity bundle</a> and <a href="#">Emotional skills bundle</a>

## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### LANGUAGE AND LITERACY

We correlate with 63% of the Language and Literacy Standards. The main focus of a Kide activity is on inquiry skills (including communication).

In addition, each of the Kide activities start with a story time to introduce a research problem. This shared story provides an excellent opportunity to practice listening skills, as well as setting a base for independent reading skills.

Whilst we don't claim to fully match with the Language and Literacy standards, on the following pages you can find find a list of the ones we do support.

#### I. Spoken / Expressive Language



##### A. Use Language to Communicate

##### Kide activity suggestions

	1. Use the body to communicate / Communicate in a variety of ways	All lessons see especially our <a href="#">Communication activity bundle</a>
	2. Initiate and respond appropriately in conversation and discussions	
	3. Use language to pretend or create	
	4. Use sentences/ complete sentences of varying length	
<b>A toddler may...</b>		
	<p>Begin to combine two and three words in a series</p> <p>Begin to learn the rules of speech but still make errors, using phrases such as "Me go with you."</p> <p>Initiate conversation and respond to adults and peers</p> <p>Uses simple words during play, such as "Me the dog."</p> <p>Speak clearly part of the time</p>	All lessons
<b>A preschooler may...</b>		
	Communicate their personal needs, preferences and feelings	Excellent opportunities across all lessons
	Use language to pretend	
	Tell real and make-believe stories	For example: <a href="#">Journey into Imagination</a> <a href="#">A Kingdom Underneath the Ice</a> <a href="#">Welcome to Supraland</a> <a href="#">A Slimy Surprise (activity C)</a>
	<p>Initiate and participate in conversations with adults and peers</p> <p>Ask and answer questions</p> <p>Use complete and complex sentences</p> <p>Speak clearly</p>	Excellent opportunities across all lessons



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## LANGUAGE AND LITERACY

### II. Listening / Receptive Language



#### A. Listen for Different Purposes

A. Listen for Different Purposes		Kide activity suggestions
<input checked="" type="checkbox"/>	1. Listen to others	All lessons
<input checked="" type="checkbox"/>	2. Listen to sounds in the environment	Especially <a href="#">Make Some Music</a> <a href="#">Happy Heartbeat</a> <a href="#">Make it Rain (activity C)</a>
<input checked="" type="checkbox"/>	3. Follow simple directions	All lessons
<input checked="" type="checkbox"/>	4. Listen responsively to books and stories	
<input checked="" type="checkbox"/>	5. Respond to questions	

#### A toddler may...

	Sit, listen and sing along to their favorite stories	All lessons
	Repeat words or phrases from familiar stories	
	React to music, rain, thunder and other sounds	See especially <a href="#">Flowery Business (activity C)</a> <a href="#">Make it Rain (activity C)</a> <a href="#">Happy Heartbeat</a>
	Get a book when asked	-
	Respond to simple questions	All lessons

#### A preschooler may...

	Participate in group activities	All lessons
	Listen to music and sing songs	<a href="#">Party Robot</a> <a href="#">Make Some Music</a> <a href="#">Happy Heartbeat</a>  Opportunities to sing during: <a href="#">True Friends</a> <a href="#">Make Some Music!</a> <a href="#">Planes, Trains and Hot Air Balloons</a>
	Follow directions with two or more steps Smile, laugh or cry in response to books or stories Listen to multiple stories or books at a time Listen to and engage in conversations with others	All lessons



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## LANGUAGE AND LITERACY

We either **support** the specific objectives (✔), or we are **working towards** them (➔).

### III. Written Language



#### A. Use Writing as a Means of Expression/Communication

#### Kide activity suggestions

✔	1. Experiment with writing tools and materials	There are opportunities to mark make in every lesson. Encourage children to 'write' their findings down to report back to our story characters.
➔	2. Use scribbles, shapes, pictures, letter-like forms and letters to write	
➔	3. Tell others about marks and intended meaning of drawing or writing	
✔	4. Use a variety of resources to facilitate writing	
<b>A toddler may...</b>		
	Engage in a variety of fine motor activities, such as feeding themselves, stringing large beads and building with blocks	Many lessons, for example: <a href="#">Make It Rain</a> <a href="#">Finding Dinosaur Fossils</a> <a href="#">Colorful Drawing Book</a> <a href="#">Rainbow (activity B)</a> <a href="#">Beehive</a> <a href="#">Spooky Shadows</a>
	Engage in sand and/or water play	
	Use fingers and hands to grasp writing tools with whole fist	
	Make dots, lines or scribbles on paper	<a href="#">Colorful Drawing Book</a> <a href="#">Hoseli's Googly Eye Mystery</a> <a href="#">The Many Sides of Black</a>
<b>A preschooler may...</b>		
	Use a variety of writing tools, such as crayons, markers or pencils	For example: <a href="#">Secret Messages/Hide and Seek</a> <a href="#">Milky Pond Painting</a> <a href="#">Treasure Hunt</a> <a href="#">Cave Conundrum</a>
	Use scribbles, symbols and letter-like forms to communicate ideas, write books or label pictures	
	Participate in writing for meaning, such as writing their name on their art work, signing up to use the computer, or writing a thank you note to a friend	Excellent opportunities across many lessons, for example: <a href="#">Colorful Drawing Book</a> <a href="#">Hoseli's Magnet Map</a> <a href="#">Welcome to Supraland</a> <a href="#">Peculiar Creatures of the Forest</a> <a href="#">A Secret Friend (activity B)</a>
	Use written words in their environment to assist with writing, such as signs and cereal boxes	You could display our flashcards to help with writing: E.g. <a href="#">senses</a> , <a href="#">emotions</a> , <a href="#">seasons</a>



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## LANGUAGE AND LITERACY

IV. Knowledge of Print and Books		
A. Apply Early Reading Skills (3/6)		Kide activity suggestions
<input checked="" type="checkbox"/>	1. Show an interest in reading and books	Supported through all lessons
	2. Exhibit book handling skills	
<input checked="" type="checkbox"/>	3. Recognize that print represents spoken words	Supported through all lessons
<input checked="" type="checkbox"/>	4. Develop a sense of story	
	5. Read environmental print and symbols	
	6. Identify some alphabet letters	
<b>A toddler may...</b>		
	Show interest in reading and books, and ask to read the same story repeatedly Make sounds and words using different pitches to mimic reading Repeat words or phrases from familiar stories	Supported through all lessons
	Carry books	-
<b>A preschooler may...</b>		
	Read, or pretend to read, easy and predictable books Identify personally significant words, such as mom, dad and cat Retell a story Make predictions about books Relate personal history to text	Supported through all lessons
	Identify characters in a book	Use our <a href="#">Discovering Supraland</a> story, and our <a href="#">Characters</a> page
	Identify if the a book is fiction or nonfiction Tell what illustrators and authors do Find their favorite cereal in the grocery store or find their name on a list Identify some letters in the alphabet, especially those in their name	-



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## LANGUAGE AND LITERACY

### V. Sounds of Language (Phonological Awareness)

A. Attend to Sounds of Language		Kide activity suggestions
	1. Repeat rhymes, simple songs, poems and finger plays	-
	2. Participate in word games	
	3. Discriminate some sounds in words	



## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS

### MATHEMATICS

1+1

We correlate with 80% of the Mathematics Standards.

The main focus of a Kide activity is on inquiry skills (including measurement, comparison and classification.) These skills set the foundations to number sense and basic numerical operations. We also support Geometry and Spatial Sense through our activities.

Whilst we don't claim to fully match with all of the Mathematics standards, on the following pages you can find a list of the ones we do.

#### I. Number and Operations



##### A. Develop Number Sense

##### Kide activity suggestions

	1. Show interest and understanding in counting	See especially our <a href="#">Counting activities</a> and <a href="#">Maths activities</a>
	2. Explores quantity	
<b>A toddler may...</b>		
	Begin to count objects	<a href="#">Who Stole the Salt?</a> <a href="#">Floating Problems</a> <a href="#">A Secret Friend</a>
	Use fingers to show age	-
	Recognize which group has more	<a href="#">Lava Pond</a> <a href="#">Floating Problems</a>
	Sing songs with number words	-
	Listen to counting books	<a href="#">Lava Pond</a> has a story with numbers
<b>A preschooler may...</b>		
	Rote count	-
	Use fingers to represent numbers	<a href="#">Lava Pond</a> <a href="#">It's Raining</a> <a href="#">Sugary Problems</a> <a href="#">A Secret Friend</a> <a href="#">Hoseli's Journey (activity B)</a> <a href="#">Cave Conundrum (activity A)</a>
	Count familiar objects	
	Recognize quantities without counting	Can be supported through our <a href="#">Number Flashcards</a>

Continued on the next page...



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## MATHEMATICS



I. Number and Operations		
A. Develop Number Sense (continued)		Kide activity suggestions
	1. Show interest and understanding in counting	See especially our <a href="#">Counting activities</a> and <a href="#">Maths activities</a>
	2. Explores quantity	
A Preschooler may...(continued)		
	Compare objects and decide which has more, less or the same	<a href="#">Measuring (activity B)</a> <a href="#">Hiding in Plain Sight</a> <a href="#">Crab Walk</a> <a href="#">Kindergarten of Shape Creatures</a>
	Explore fractions, such as half of a cookie	Use these lessons as a discussion point: <a href="#">A Floaty Drink</a> (activity b) <a href="#">A Secret Friend</a> <a href="#">Fruity Surprise</a> <a href="#">Make Some Music!</a> (activity b)
	Estimate the number of marbles in a jar	<a href="#">Measuring (activity B)</a>
	Recognize that if there are three friends, you need three cartons of milk	-
	Participate in number games	<a href="#">Lava Pond</a> <a href="#">Crab Walk</a>



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## MATHEMATICS



I. Number and Operations		
B. Develop Numerical Representation		Kide activity suggestions
✓ 1. Identify numerals in everyday situations		See especially our and <a href="#">Counting activities</a> <a href="#">Maths activities</a>
✓ 2. Use drawings to represent number		
✓ 3. Write some numerals		
A toddler may...		
	Begin to say and/or use some number names	<a href="#">Who stole the salt</a> <a href="#">Floating Problems</a> <a href="#">A Secret Friend</a> <a href="#">Lava Pond</a>
	Show two fingers for age	
A preschooler may...		
	Draw to show size or quantity	<a href="#">Secret Messages</a> (activity a)
	Keep score of game using symbols or numerals	-
	Find numerals in books, posters and signs	See our <a href="#">Number Flashcards</a>
	Match numerals with quantity	<a href="#">Lava Pond</a> <a href="#">Mrs Noblegas's Blob Soup</a> <a href="#">Secret Messages (activity A)</a> See also our <a href="#">Number Flashcards</a>
	Examine a chart, identify which column has more and write the corresponding number	<a href="#">Kindergarten of Shape Creatures</a>
	Play restaurant and write how much on a ticket Identify first, second and last positions in a line	-



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## MATHEMATICS



II. Geometry and Spatial Sense		
A. Investigate Positions and Locations		Kide activity suggestions
	1. Take objects apart and put them together	<a href="#">Toy Troubles</a>
	2. Use actions and words to indicate position and location	<a href="#">A Celebration Meal</a> <a href="#">A Floaty Drink</a>
	3. Use actions and words to indicate movement and orientation	<a href="#">Where are you, Hoseli?</a> <a href="#">A Space Adventure</a>
<b>A toddler may...</b>		
	Complete a simple puzzle	<a href="#">A Secret Friend</a>
	String large beads	—
	Stack small blocks	<a href="#">Spooky Shadows</a> <a href="#">Toy Troubles</a>
	Build with large, interlocking blocks	<a href="#">Planes, Trains and Hot Air Balloons</a>
	Follow directions that contain position and locational words, such as "Stand on the first step."	<a href="#">Space Adventure</a>
<b>A preschooler may...</b>		
	Build with interlocking blocks	For example: <a href="#">Spooky Shadows</a> <a href="#">Toy Troubles</a> <a href="#">Planes, Trains and Hot Air Balloons</a> <a href="#">Welcome to Supraland</a>
	Complete frame and floor puzzles	—
	Move themselves to show position	<a href="#">Where are you, Hoseli?</a> <a href="#">Space Adventure</a>
	Use objects to show position	<a href="#">Where are you, Hoseli?</a> <a href="#">A Celebration Meal</a>
	Follow a path or move through an obstacle course	<a href="#">Party Robot</a> <a href="#">Space Adventure</a> <a href="#">Where are you, Hoseli?</a>
	Explain where objects and/or people are located	For example: <a href="#">A Celebration Meal</a> <a href="#">Welcome to Supraland</a>



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## MATHEMATICS

II. Geometry and Spatial Sense		
B. Explore Shapes		Kide activity suggestions
	1. Investigate and talk about the characteristics of shapes	<a href="#">Kindergarten of Shape Creatures Bubbles!</a> <a href="#">Spooky Shadows</a> <a href="#">Peculiar Creatures of the Secret Forest</a> <a href="#">The Great Inventors of the Secret Forest</a> <a href="#">Planning an Escape</a> <a href="#">Egg-straordinary Nest Building</a> <a href="#">Beehive</a>
	2. Identify and name some shapes	
	3. Create and duplicate three-dimensional and two-dimensional shapes	
A toddler may...		
	Match basic shapes that vary in size	<a href="#">Kindergarten of Shape Creatures</a> (activity 1)
	Put round, square and triangular pieces into a shape sorter	-
	Point to a shape when named	<a href="#">Peculiar Creatures of the Secret Forest</a>
	Draw circular scribbles	-
	Say "ball" to name a spherical object	<a href="#">Egg-straordinary Nest Building</a> <a href="#">Crab Walk</a>
A preschooler may...		
	Discuss the shapes of objects, such as "The pizza is round."	Many lessons, for example <a href="#">Balancing Problems</a>
	Use materials to create shapes, such as clay, blocks and yarn	<a href="#">Bubbles!</a> <a href="#">Toy Troubles</a> <a href="#">Egg-straordinary Nest Building</a> <a href="#">Planning an Escape</a>
	Find shapes in the environment	<a href="#">Peculiar Creatures of the Secret Forest</a>
	Combine basic shapes to create a new shape, such as two squares to make a rectangle	<a href="#">Planning an Escape</a> <a href="#">The Great Inventors of the Secret Forest</a>
	Play shape games, such as Tangrams	-

## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### MATHEMATICS



II. Geometry and Spatial Sense		
B. Explore Shapes		Kide activity suggestions
	1. Investigate and talk about the characteristics of shapes	<a href="#">Kindergarten of Shape Creatures Bubbles!</a> <a href="#">Spooky Shadows</a> <a href="#">Peculiar Creatures of the Secret Forest</a> <a href="#">The Great Inventors of the Secret Forest</a> <a href="#">Planning an Escape</a> <a href="#">Egg-straordinary Nest Building</a> <a href="#">Beehive</a>
	2. Identify and name some shapes	
	3. Create and duplicate three-dimensional and two-dimensional shapes	
A toddler may...		
	Match basic shapes that vary in size	<a href="#">Kindergarten of Shape Creatures</a> (activity 1)
	Put round, square and triangular pieces into a shape sorter	-
	Point to a shape when named	<a href="#">Peculiar Creatures of the Secret Forest</a>
	Draw circular scribbles	-
	Say "ball" to name a spherical object	<a href="#">Egg-straordinary Nest Building</a> <a href="#">Crab Walk</a>
A preschooler may...		
	Discuss the shapes of objects, such as "The pizza is round."	Many lessons, for example <a href="#">Balancing Problems</a>
	Use materials to create shapes, such as clay, blocks and yarn	<a href="#">Bubbles!</a> <a href="#">Toy Troubles</a> <a href="#">Egg-straordinary Nest Building</a> <a href="#">Planning an Escape</a>
	Find shapes in the environment	<a href="#">Peculiar Creatures of the Secret Forest</a>
	Combine basic shapes to create a new shape, such as two squares to make a rectangle	<a href="#">Planning an Escape</a> <a href="#">The Great Inventors of the Secret Forest</a>
	Play shape games, such as Tangrams	-



## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### MATHEMATICS

#### III. Patterns and Relationships (Algebra)

##### A. Develop an Awareness of Patterns

##### Kide activity suggestions

➡	1. Recognize patterns and relationships	You can observe this in all lessons by following the cause and effect
	2. Duplicate and extend patterns	
	3. Create patterns	



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## MATHEMATICS



I V. Measurement		
A. Use Measurement		Kide activity suggestions
	1. Explore ways to measure	<p>Many lessons</p> <p>See especially our <a href="#">Measurement activities bundle</a></p>
	2. Measure using objects	
	3. Compare objects using measurable features	
	4. Use language to describe measurement	
A toddler may...		
	Use words to describe measurement, such as big, heavy, empty and full	<a href="#">Who Stole the Salt</a> <a href="#">Growing Dino</a> <a href="#">Measuring</a>
	Refer to a group of large animals as "mamas" and smaller animals as "babies"	-
	Compare height to others	<a href="#">Halloween: Wake Up the Ghost!</a>
	Explore size differences by playing with nesting toys or measuring cup	-
	Imitate adults using measuring tools, such as pretending to take a "patient's" temperature	-
A preschooler may...		
	Talk about an object being longer than another object	<a href="#">Balancing Problems</a> <a href="#">Optical Illusions? (activity B)</a>
	Use words to describe measurement, such as short, tall, wide, hot or cold	<a href="#">Measuring</a> <a href="#">Hot and Cold Bottles</a> <a href="#">How do Senses Work?</a> <a href="#">The Peculiar Party of Mr. Hush</a>
	Fill a container with solids or liquids	Many lessons, for example: <a href="#">An Exact Science</a>
	Explore measurements by playing with measuring cups, measuring tapes and rulers	Many lessons, for example: <a href="#">An Exact Science</a> <a href="#">Pressure in the Puddle</a> <a href="#">Balancing Problems</a>
	Put objects in order objects, such as putting cars in a row according to size	<a href="#">Halloween: Wake Up the Ghost!</a> <a href="#">Balancing Problems</a> <a href="#">Measuring</a>



## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### MATHEMATICS



V. Data		
A. Explore Data		Kide activity suggestions
	1. Collect and organize information	Children collect information throughout every lesson, as they inquire to solve a problem. They organize information in lessons from our <a href="#">classification</a> bundle.
	2. Displays information (charts and graphs)	<a href="#">Kindergarten of Shape Creatures</a>
A toddler may...		
	<i>Not developmentally appropriate for this age</i>	
A preschooler may...		
	Collect information to answer questions or solve problems	All lessons
	Create a chart from gathered information, such as "How many friends want juice or milk?" or "How many friends have on boots?"	For charts, see <a href="#">Kindergarten of Shape Creatures</a>
	Vote on a favorite item and then communicate the results of the vote verbally or using charts	





## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### PHYSICAL DEVELOPMENT

We correlate with 75% of the Physical Development Standards.

In addition to the more traditional STEAM subjects, our cross-curricular programme has activities to support the Physical Development standards (including Gross and Fine Motor Skills, as well as Healthy and Safe Behaviors.)

Whilst we don't claim to *fully* match with the Physical Development standards, on the following pages you can find a list of the ones we do support.

#### I. Physical Development and Coordination



##### A. Use Gross Motor Skills with Purpose and Coordination

##### Kide activity suggestions



1. Control body movements



2. Use large muscle movements to manipulate objects



3. Move from one point to another

Take a look at our  
[Movement activities bundle](#)

##### A toddler may...

##### Kide activity suggestions

Walk forwards and backwards

Plenty of opportunities in for example:  
[Space Adventure](#)  
[Flowery Business \(activity C\)](#)  
[Party Robot](#)  
[Lava Pond](#) (without number play)

Straddle and ride toys without pedals

Climb on structures

Walk up and down stairs using alternating feet

—

Squat, stoop or bend

Plenty of opportunities found in our  
[Movement bundle](#)

Also, take a look at  
[Flowery Business \(activity C\)](#)

Jump with both feet off the floor

[Stop and Go](#)  
[Lava Pond](#) (without number play)

Try to balance on one foot

[Carousel](#) (activity a)  
[Party Robot](#)

Attempt to throw, catch and kick a ball

—

Continued on the next page...



## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### PHYSICAL DEVELOPMENT

#### I. Physical Development and Coordination



##### A. Use Gross Motor Skills with Purpose and Coordination (continued)

##### Kide activity suggestions

- |  |   |
|--|---|
|  | 1. Control body movements                           |
|  | 2. Use large muscle movements to manipulate objects |
|  | 3. Move from one point to another                   |

Take a look at our  
[Movement activities bundle](#)

##### A preschooler may...

##### Kide activity suggestions

Walk, run, jump, gallop and hop on one foot	<a href="#">Happy Heartbeat</a> <a href="#">Space Adventure</a> <a href="#">Stop and Go</a> <a href="#">Lava Pond</a>
"Stop" or "freeze" and then change directions while playing a game	<a href="#">Stop and Go</a> <a href="#">Where are you, Hoseli?</a>
Bend, stretch, turn and twist their body	Plenty of opportunities found in our <a href="#">Movement</a> bundle
Balance on one foot	<a href="#">Carousel</a> (activity a) <a href="#">Lava Pond</a> <a href="#">Party Robot</a>
Throw, kick, bounce and catch a ball	-
Ride a tricycle, bicycle or wheeled toy with pedal	-



## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### PHYSICAL DEVELOPMENT

I. Physical Development and Coordination		
	<b>B. Use Fine Motor Skills with Purpose and Coordination</b>	<b>Kide activity suggestions</b>
	1. Use fingers and hands to accomplish fine motor tasks	Many lessons, for example: <a href="#">Planning an Escape</a> <a href="#">Growing Dino</a>
	2. Use tools in a functional manner	Many lessons, for example: <a href="#">Finding Dinosaur Fossils</a> <a href="#">Operation Ice Rescue</a> <a href="#">The Thirsty Robot</a>
	3. Exhibit coordination of facial muscles	<a href="#">Hoseli's Googly Eye Mystery</a> <a href="#">Fly Pikkuli, Fly</a> <a href="#">Puppy Playtime</a> <a href="#">Caring for a Pet Dog</a>
<b>A toddler may...</b>		<b>Kide activity suggestions</b>
	Imitate finger plays	For paper doll play, see for example: <a href="#">Welcome to Supraland</a>
	Fasten and unfasten clothing	<a href="#">Getting Dressed for Autumn</a>
	Begin to use a spoon and fork	<a href="#">A Celebration Meal</a>
	Turn pages of a book, one-by-one	-
	Imitate facial expression	<a href="#">Hoseli's Googly Eye Mystery</a> <a href="#">Fly Pikkuli, Fly</a> <a href="#">Puppy Playtime</a> <a href="#">Caring for a Pet Dog</a>

Continued on the next page...



## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### PHYSICAL DEVELOPMENT

I. Physical Development and Coordination		
B. Use Fine Motor Skills with Purpose and Coordination (continued)		Kide activity suggestions
✓	1. Use fingers and hands to accomplish fine motor tasks	Many lessons, for example: <a href="#">Planning an Escape</a> <a href="#">Growing Dino</a>
✓	2. Use tools in a functional manner	Many lessons, for example: <a href="#">Finding Dinosaur Fossils</a> <a href="#">Operation Ice Rescue</a> <a href="#">The Thirsty Robot</a>
✓	3. Exhibit coordination of facial muscles	<a href="#">Hoseli's Googly Eye Mystery</a> <a href="#">Fly Pikkuli, Fly</a> <a href="#">Puppy Playtime</a> <a href="#">Caring for a Pet Dog</a>
A preschooler may...		Kide activity suggestions
	Fasten buttons, zip zippers or snap snaps independently	<a href="#">Getting Dressed for Autumn</a>
	Build with small connecting blocks	Take a look at for example <a href="#">Sugary Problems</a> <a href="#">Toy Troubles</a>
	Create art using tools, such as paint brushes and scissors	<a href="#">Milky Pond Painting</a> <a href="#">Hide and Seek</a> <a href="#">Peculiar Creatures of the Forest</a>
	Use writing tools	For example: <a href="#">Colorful Drawing Book</a> <a href="#">Hoseli's Magnet Map</a> <a href="#">Welcome to Supraland</a> <a href="#">Peculiar Creatures of the Forest</a> <a href="#">A Secret Friend (activity B)</a>
	Use eating utensils	<a href="#">A Celebration Meal</a>
	Play board games	See for example <a href="#">Where are you, Hoseli?</a> <a href="#">Hoseli's Magnet Map</a>
	Speak clearly	Excellent opportunities to practice this across all lessons



## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### PHYSICAL DEVELOPMENT

#### I. Physical Development and Coordination



#### C. Respond to Sensory Input to Function in the Environment

#### Kide activity suggestions

	1. Exhibit sensory awareness	All activities, especially: <a href="#">What's Your Superpower?</a> <a href="#">Eggy Mystery</a> <a href="#">The Peculiar Party of Mr Hush</a> <a href="#">Hello, Is Anybody Out There?</a> <a href="#">White as Snow</a>
	2. Exhibit body awareness	For example <a href="#">Hoseli's Googly Eye Mystery</a> <a href="#">Happy Heartbeat</a> <a href="#">Getting Dressed for Autumn</a> <a href="#">Party Robot</a> <a href="#">Eggy Mystery</a>
	3. Exhibit spatial awareness	<a href="#">Party Robot</a> <a href="#">Where are you Hoseli (activity A)</a> <a href="#">Carousel (activity A)</a>
	4. Exhibit temporal awareness	Good opportunities to practice this throughout the activities  For measuring time, take a look at <a href="#">What a Machine (activity B)</a> <a href="#">Hiding in Plain Sight</a> <a href="#">Breathing Leaves</a> <a href="#">Frantic Fall</a>
<b>A toddler may...</b>		
	Show preferences for textures and foods	Take a look at <a href="#">Fruity Surprise</a> <a href="#">The Peculiar Party of Mr Hush (activity c)</a>
	Notice noises and asks questions, such as "What's that?"	Most of our lessons, especially <a href="#">Egg Mystery</a> <a href="#">Make Some Music</a> <a href="#">Hello, is Anybody Out There?</a>
	Identify some body parts	<a href="#">Party Robot</a> <a href="#">Leaving your Mark (activity B)</a> <a href="#">Hoseli's Googly Eye Mystery</a> <a href="#">Finding Dinosaur Fossils</a>
	Move body to rhythms	<a href="#">Happy Heartbeat</a> <a href="#">Party Robot</a>
	Anticipates and participates in routines	All lessons (they follow the same pattern)

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## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### PHYSICAL DEVELOPMENT

#### I. Physical Development and Coordination



#### C. Respond to Sensory Input to Function in the Environment (continued)

#### Kide activity suggestions

	1. Exhibit sensory awareness	All activities, especially: <a href="#">What's Your Superpower?</a> <a href="#">Eggy Mystery</a> <a href="#">The Peculiar Party of Mr Hush</a> <a href="#">Hello, Is Anybody Out There?</a> <a href="#">White as Snow</a>
	2. Exhibit body awareness	For example <a href="#">Hoseli's Googly Eye Mystery</a> <a href="#">Happy Heartbeat</a> <a href="#">Getting Dressed for Autumn</a> <a href="#">Party Robot</a> <a href="#">Eggy Mystery</a>
	3. Exhibit spatial awareness	<a href="#">Party Robot</a> <a href="#">Where are you Hoseli (activity A)</a> <a href="#">Carousel (activity A)</a>
	4. Exhibit temporal awareness	Good opportunities to practice this throughout the activities  For measuring time, take a look at <a href="#">What a Machine (activity B)</a> <a href="#">Hiding in Plain Sight</a> <a href="#">Breathing Leaves</a> <a href="#">Frantic Fall</a>
A preschooler may...		
	Use touch, sight, smell, taste and hearing to understand world	Most of our lessons, especially <a href="#">Egg Mystery</a>
	Identify many body parts	<a href="#">Happy Heartbeat</a> <a href="#">Breathing Leaves</a> <a href="#">Leaving your Mark</a> <a href="#">Finding Dinosaur Fossils</a> <a href="#">Peculiar Creatures of the Forest</a>
	Move through the environment without bumping into people and objects	<a href="#">Stop and Go</a> <a href="#">Happy Heartbeat</a> <a href="#">Lava Pond</a>
	Know there are routines and schedules they must follow, such as breakfast, school time and bedtime	-



## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### PHYSICAL DEVELOPMENT

II. Health		
A. Practice Healthy Behaviors		Kide activity suggestions
	1. Show independence in personal care routines	See for example: <a href="#">Germs in Hiding</a>
	2. Participate in daily physical activity	Take a look at our <a href="#">Movement activity bundle</a> and <a href="#">Outdoor activity bundle</a>
	3. Exhibit body strength and endurance	
<b>A toddler may...</b>		
	Show signs of readiness for toileting	-
	Wash their hands	This can be practiced in many of our lessons, especially <a href="#">Germs in Hiding</a>
	Like to take baths and splash in water	<a href="#">Floating Problems</a> <a href="#">Pressure in the Puddle</a> <a href="#">The Peculiar Party of Mr Hush</a>
	Run, climb and ride toys with wheels	-
	Pull and push objects	<a href="#">Planes, Trains and Hot Air Balloons</a> <a href="#">Caring for a Pet Dog</a>
	Climb stairs or stationary objects	-
	Self-soothe to relax and sleep	<a href="#">Fly Pikkuli Fly</a>
	Play outside	This can be supported with all of our <a href="#">outdoor activities</a> .  For example <a href="#">Space Adventure</a> <a href="#">Hiding in Plain Sight</a>

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## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### PHYSICAL DEVELOPMENT

II. Health		
A. Practice Healthy Behaviors (continued)		Kide activity suggestions
	1. Show independence in personal care routines	See for example: <a href="#">Germs in Hiding</a>
	2. Participate in daily physical activity	Take a look at our <a href="#">Movement activity bundle</a> and <a href="#">Outdoor activity bundle</a>
	3. Exhibit body strength and endurance	
<b>A preschooler may...</b>		
	Manage their toileting routine	-
	Wash and dry their hands Cover their nose and mouth when sneezing	<a href="#">Germs in Hiding</a>
	Play on or with gross motor equipment Engage in running, jumping and chasing	Plenty of opportunities found in our <a href="#">Movement</a> bundle
	Ride pedal toys Climb a ladder on a slide Climb stairs with alternating steps Tell an adult when they are tired or need to rest	-
	Play outside	This can be supported with all of our <a href="#">outdoor activities</a> .  For example <a href="#">Space Adventure</a> <a href="#">Hiding in Plain Sight</a>





## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### PHYSICAL DEVELOPMENT

#### III. Safety



##### A. Practice Safe Behaviors

##### Kide activity suggestions

➔	1. Know and follow safety rules	Excellent opportunities across many lessons, see especially  <a href="#">Stop and Go</a> <a href="#">Fruity Surprise</a>
	2. Recognize personal danger	
	3. Know how and when to seek help from others	



## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### EXPRESSIVE ARTS

We correlate with 100% of the Expressive Art Standards.

We develop inquiry skills through STEAM activities, including Art. Therefore many of our activities have opportunities to practice many of the Expressive Art Standards.

For every single Kide activity we encourage children (and adults) to act in role as an investigator. This provides many opportunities for Drama skills to be developed, alongside those all important inquiry skills. See the lesson suggestions below for the Expressive Arts standards.

### I. Music and Movement



#### A. Show Interest in Music and Movement

#### Kide activity suggestions

	1. Use body to move to music and express self	<a href="#">Stop and Go</a> <a href="#">Lava Pond</a> <a href="#">Party Robot</a>
	2. Use music and movement to express concepts, ideas or feelings	Many lessons especially: <a href="#">True Friends</a> <a href="#">Happy Heartbeat</a>
<b>A toddler may...</b>		
	Pretends to move like an animal Sing songs Dance to music Bang on a pot to make music Clap to music	<a href="#">Egg-straordinary Nest Building</a> <a href="#">Habitat Hunting</a> <a href="#">Puppy Playtime</a> <a href="#">Caring for A Pet Dog</a> <a href="#">Planes, Trains and Hot Air Balloons</a>  <a href="#">Happy Heartbeat</a> <a href="#">Party Robot</a>
<b>A preschooler may...</b>		
	Participate in movement activities, such as tag or freeze dance	<a href="#">Happy Heartbeat</a>
	Create new dances Sing their favorite songs or sing-along to music Make up songs Create and play musical instruments Clap to a rhythm	<a href="#">True Friends</a> <a href="#">Party Robot</a> <a href="#">Make Some Music</a>



## Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



### EXPRESSIVE ARTS

II. Visual Arts		
A. Show Interest in Visual Arts		Kide activity suggestions
<input checked="" type="checkbox"/>	1. Explore and experiment with a range of media through sensory exploration	All lessons
<input checked="" type="checkbox"/>	2. Use a range of materials to create pictures or three-dimensional objects	All lessons especially: <a href="#">Spooky Shadows</a> <a href="#">Planes, Trains and Hot Air Balloons</a> <a href="#">Winter Garden</a> <a href="#">Summer Sandcastles</a>
<input checked="" type="checkbox"/>	3. Use creative art to express thoughts, feelings and experiences	All lessons
<b>A toddler may...</b>		
	Use art materials, such as paint, markers, clay and crayons Make random marks on paper Observe pictures, posters and other artwork	See our <a href="#">Arts bundle</a> , especially: Many lessons e.g. <a href="#">Peculiar Creatures of the Forest</a> <a href="#">Winter Garden</a> <a href="#">Cave Paintings</a> <a href="#">Hide and Seek</a>
<b>A preschooler may...</b>		
	Use art materials as intended Create artwork that represents people, places and objects Discuss artwork	See our <a href="#">Arts bundle</a> , especially: <a href="#">Finding Dinosaur Fossils</a> <a href="#">What Makes a Living Thing?</a> <a href="#">Journey into Imagination</a> <a href="#">Pikkuli's Birthday Party</a>
	Look at other artwork	Whilst our lessons do not include famous artwork, children can appreciate each other's creative efforts.



# Lesson recommendations for MISSOURI EARLY LEARNING STANDARDS



## EXPRESSIVE ARTS

III. Drama		
A. Show Interest in Dramatic Arts		Kide activity suggestions
	1. Express self through physical action and sound	All lessons especially: <a href="#">Stop and Go</a> <a href="#">Lava Pond</a> <a href="#">Flowery Business (activity C)</a>
	2. Begin to use representation to communicate	All lessons especially in our <a href="#">Communication</a> bundle
	3. Begin to pretend play	All lessons
	4. Use creativity and imagination to assume roles in dramatic play	
A toddler may...		
	Pretend to cook, clean and care for family	—
	Imitate actions of people Use puppets Act out new experiences	All lessons, especially using our paperdolls <a href="#">Welcome to Supraland</a> <a href="#">Planning an Escape</a>
	Pretend to be a familiar animal, such as a duck sitting on a nest	<a href="#">Egg-straordinary Nest Building</a> <a href="#">Habitat Hunting</a> <a href="#">Puppy Playtime</a> <a href="#">Caring for A Pet Dog</a>
A preschooler may...		
	Pretend to role play various family and career roles, such as mother, father or teacher	—
	Act out nursery rhymes or favorite stories Use language to extend play, using statements such as "I am going to pick my baby up from school now." Take on "roles" in play, using statements such as "I am the mommy and you are the daddy."	All lessons
	Create props for play	Especially: <a href="#">Space Adventure</a> <a href="#">Carousel</a> <a href="#">Planning an Escape</a> <a href="#">Lift It Up!</a>
	Put on a "performance" Listen and watch an age-appropriate play or performance	<a href="#">Happy Heartbeat</a> <a href="#">Make Some Music!</a> <a href="#">True Friends</a> <a href="#">Flowery Business (activity C)</a>

