



a UNIVERSE of STORIES
GROUP SUMMER READING
2019 ACTIVITY BOOKLET

Join the library in celebrating literacy with your group this summer! We've put together a special version of Summer Reading that's easy to do with a group of kids.

Why participate?

When you participate in Group Summer Reading, you'll earn free books for your group, be entered into a drawing for a special library event, and receive small rewards for each child. Children are never too young or too old to hear others read stories. Hearing books aloud stretches children's vocabularies, exposes them to more sophisticated sentences and increases their excitement about books.

How do we become a part of Group Summer Reading?

Starting May 22, sign up for Summer Reading at your library or on the bookmobile. You can also sign up online at www.dbrl.org/summergroups. When you do, you'll get a group summer reading poster with 25 stickers. Place a sticker on the poster each time you read as a group, and when your poster is full, let us know you have finished at www.dbrl.org/summergroups. Then we'll send you your group's free books and rewards for each child.

Children in your group are also welcome to sign up individually for Summer Reading with their families. Both portions of the program end August 4. If you have any questions, please call (573) 817-7098.



This booklet is funded by the U.S. Institute of Museum and Library Services under the provisions of the Library Services and Technology Act as administered by the Missouri State Library, a division of the Office of the Secretary of State.

What's inside this booklet?

This year's theme is "A Universe of Stories." Through crafts, games, music and STEAM (science, technology, engineering, art, and math) activities, you can encourage kids to shoot for the moon! Follow the provided activities as presented or adjust them to best suit your group. Whatever you do, have fun!

Visit www.dbrl.org/summergroups to download the patterns and templates referenced in this booklet.

Ideas curated from the Collaborative Summer Library Program manual.

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SONGS AND RHYMES

Not only are singing and dancing exhilarating and fun, they also help children build early learning skills. Singing slows down words so the sounds are easier to hear, which helps kids learn new words. Add dancing to the singing, and they'll improve their gross motor skills, gain better balance, and explore self expression.

Fly Me to the Moon

Zoom, Zoom, Zoom

This is one of our favorite songs at story time! We suggest tapping your legs to the beat and leaping into the air on "blast off." To make it more challenging for older children, start off slow and then repeat the song, getting faster each time!

Zoom, zoom, zoom, we're going to the moon.

Zoom, zoom, zoom, we're going to the moon.

If you want to take a trip,

Climb aboard my rocket ship.

Zoom, zoom, zoom, we're going to the moon.

In 5-4-3-2-1. BLAST OFF!

The Moon Goes Round and Round the Earth

Sung to the tune "The Ants Go Marching."

The moon goes round and round the Earth, hurrah, hurrah!

The moon goes round and round the Earth, hurrah, hurrah!

When daytime turns into the night, we see the moon shining so bright,

Shining down on me and you, and you, and all of our friends.

(Point to one another.)

Mr. Moon

For babies, lift them on the “Cuckoo!” Hear Jbrary’s version: <http://dbri.me/ne>.

Mr. Moon, Mr. Moon, you’re out too soon.

The sun is still in the sky.

Go back into your bed

And cover up your head

Until the day goes by.

’Twas on a summer’s evening,

I walked the forest through,

When suddenly I heard it,

A soft and sweet cuckoo.

Cuckoo! Cuckoo!

A soft and sweet cuckoo.

Cuckoo! Cuckoo!

A soft and sweet cuckoo.



I See the Moon

Sung to the tune of “Hush Little Baby.” Hear Jbrary’s version: <http://dbri.me/ne>.

I see the moon and the moon sees me,

Down through the leaves of the old oak tree.

Please let the moon that shines on me,

Shine on the ones I love.

Over the mountain, over the sea,

Back where my heart is longing to be.

Please let the moon that shines on me,

Shine on the ones I love.

The Moon Is Round

Hear Jbrary's version: <http://dbrl.me/ne>.

The moon is round,
As round can be. (*Draw circle around child's face.*)
Two eyes, a nose,
And a mouth like me. (*Touch child on eyes, nose and mouth and give a hug.*)

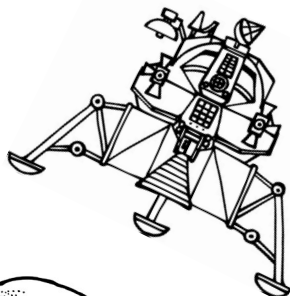
When the Moon Comes Up

The moon comes up when the night begins. (*Make a circle overhead with arms.*)
Sometimes it's full, (*Spread arms wide.*)
Sometimes it's thin. (*Move arms close together.*)
It shines on the houses, it shines on the trees, (*Flutter fingers down.*)
It shines on you and it shines on me. (*Point away from self, then point to self.*)

We'll Be Orbiting 'Round the Moon

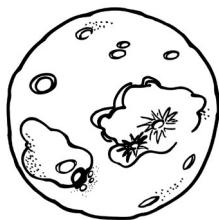
Sung to the tune of "She'll Be Coming 'Round the Mountain." Encourage your children to act out the words as you sing. They can "orbit" by walking in circles, "land" by sitting down, etc.

We'll be orbiting 'round the moon, yes we will,
We'll be orbiting 'round the moon, yes we will,
We'll be orbiting 'round the moon,
We'll be orbiting 'round the moon,
We'll be orbiting 'round the moon,
Yes we will!



Additional verses:

We'll be landing on the moon ...
We'll be walking on the moon ...
We'll be blasting off again ...
We'll be landing back on Earth ...



The Man in the Moon

Cut a large circle out of yellow or white paper, then cut a large hole in the middle so you can peek through. As you share the rhyme, look through the hole and speak in a funny voice for the last two lines. For added fun, let your students look through the hole and come up with animals who need to sleep like “bunnies” or “kittens.”

The man in the moon,
Looked out of the moon.
Looked out of the moon and said,
“It’s time for all the children on Earth
To think about getting to bed!”



Shooting Star

The Earth Turns Around

Sung to the tune “The Farmer in the Dell.” Select volunteers to be the Earth, moon and sun, and the rest of the children can be stars.

The Earth turns around, the Earth turns around.
Once a day, every day, the Earth turns around.

The moon goes ‘round the Earth, the moon goes ‘round the Earth.
Once a month, every month, the moon goes round the Earth.

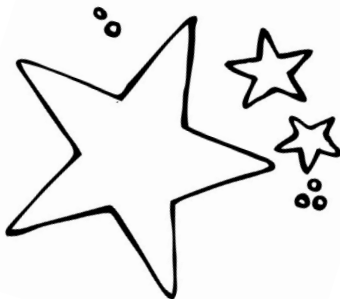
The Earth goes ‘round the sun, the Earth goes ‘round the sun.
Once a year, every year, the Earth goes ‘round the sun.

The stars are all around, the stars are all around.
Here to there and everywhere, the stars are all around.

Five Little Stars

Make five star props or invite five volunteers to act out the rhyme.

Five little stars. Look at them soar!
One shoots off, and then there are four.
Four little stars winking at me.
One shoots off and then there are three.
Three little stars with nothing to do.
One shoots off and then there are two.
Two little stars waiting for the sun.
One shoots off and then there is one.
One little star, alone is no fun.
It shoots off and then there are none.



Tiny Star

There's a tiny little star
Shining in the sky. (*Hold fist overhead.*)
A tiny little star,
Up, up, up so high. (*Raise fist higher.*)
It twinkles brightly through the night, (*Open fist and wiggle fingers.*)
But during the day, it's out of sight! (*Hide hand behind back.*)

Reach for the Stars

This stretching rhyme is a great way to get kids refocused.

Bend and stretch, (*Bend down, reach for the floor.*)

Reach for the stars. (*Reach up high.*)

Here comes Jupiter, (*Swing right arm to the left.*)

There goes Mars. (*Swing left arm to the right.*)

Bend and stretch, (*Bend down, reach for the floor.*)

Reach for the sky, (*Reach up high.*)

Reach, reach, reach (*Stand on tiptoe, reaching high.*)

Up so high! (*Continue stretching and reaching.*)

Rocket Man

Let's Go Riding in a Rocket Ship

Sung to the tune "Let's Go Riding in an Elevator." Hear Jbrary's version:
<http://dbri.me/lp>.

For babies, begin by bouncing the baby, then raising them up slowly during the song and return to bouncing at the end.

Let's go riding in a rocket ship,

Rocket ship, rocket ship!

Let's go riding in a rocket ship,

Come along with me!

Up we go.

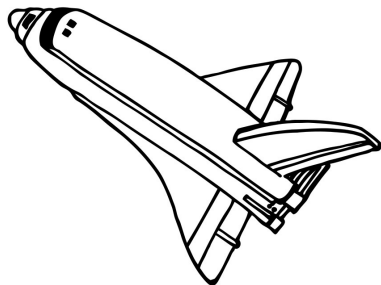
Up we go.

Up we go.

Up we go.

Up we go.

Down, down, down, down, down!



Jump in the Rocket

For babies, this rhyme is great for bouncing. Older children can act out the words by jumping.

Jump in the rocket. (*Bounce baby on knee.*)

We'll blast off soon!

We're taking a trip

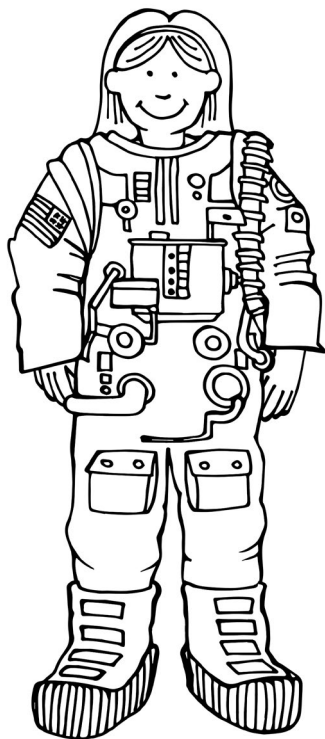
Up to the moon.

Up, up, up we climb,
(*Lift baby higher and higher.*)

Up to the sky! (*Hold baby high in the air.*)

Isn't it a lot of fun
(*Bring baby back down, resume bouncing.*)

To be able to fly?



Astronaut, Astronaut

This space-themed version of "Teddy Bear, Teddy Bear" can easily be adapted for all ages. The suggestions below work well with babies, but older children can act it out instead.

Astronaut, astronaut, put on your suit. (*Touch baby's tummy or clothing.*)

Astronaut, astronaut, put on your boots. (*Touch baby's feet.*)

Astronaut, astronaut, ready to fly. (*Lift baby's hands overhead.*)

Astronaut, astronaut, way up in the sky. (*Wave baby's hands gently back & forth.*)

Astronaut, astronaut, flying through the stars. (*Clap baby's hands together.*)

Astronaut, astronaut, past the moon and Mars! (*Use your finger to circle the perimeter of baby's face.*)

Astronaut, astronaut, wave your hands. (*Wave baby's hands.*)

Astronaut, astronaut, ready to land! (*Touch baby's feet.*)

I'm a Little Rocket

Sung to the tune "I'm a Little Teapot."

I'm a little rocket,

Pointing at the moon. (*Raise arms overhead, fingertips touching.*)

Now I'm getting fueled up. (*Wiggle and bounce, hands still overhead.*)

We'll be ready soon! (*Stand up straight and tall, hands still overhead.*)

When it's time to blast off, then I'll say, (*Slowly bend knees and crouch down, keeping arms overhead.*)

"Zoom, zoom, zoom! We're on our way!" (*Jump in the air, keeping arms overhead.*)

Flying Rocket

Here is a rocket flying around, (*Hold one hand in the air, moving as if flying.*)

Here is the landing site down on the ground. (*Hold the other hand down low, palm open, facing up.*)

The astronaut knows when it's time to land. (*Raise thumb of the hand in the air, giving a thumbs-up sign.*)

Zoom! The rocket lands right in my hand. (*Fly the hand in the air down to the lower hand.*)

Do You Fly in Space?

Sung to the tune of "Do Your Ears Hang Low?" Extend your hands over your head with your palms together to suggest a rocket shape.

Do you fly in space?

Does your rocket quickly race

Up to the moon?

Will you get there very soon?

Will you come back home

When you start feeling alone?

Do you fly in space?

Lullaby and Goodnight

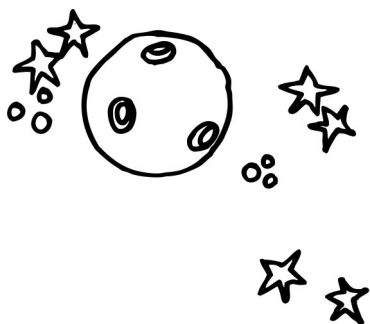
Five in the Bed

Use stuffed animals or puppets tucked under a cloth, and bump one out for each verse in the song. Alternate motions (Jbrary's version): <http://dbrl.me/nf>.

There were five in the bed
And the little one said,
"Roll over, roll over!"
So they all rolled over
And one fell out!

There were four in the bed.

There was one in the bed
And the little one said,
"Good night!"



Hello, Moon

This rhyme works well as a peek-a-boo activity. Cover your face gradually during the first two lines of the rhyme, then open your hands to reveal your face as you say, "Hello, moon." Hands close again as you say, "Goodbye, sun!"

We say goodnight
When day is done.
Hello, moon
And goodbye, sun!

At Night

At night, I see the twinkling stars (*Hold hands overhead, fingers spread wide.*)
And a great big smiling moon. (*Circle arms overhead.*)
I lay down for sleep in bed (*Lay one hand on top of the other in front of tummy.*)
And sing a good-night tune. (*Rock hands back and forth.*)

Twinkle, Twinkle, Little Star

If you work with babies, this song is a great opportunity to bounce them or introduce scarves. Scarves provide a sensory experience for babies, and are excellent for peek-a-boo.

Twinkle, twinkle, little star,	When the blazing sun is gone,
How I wonder what you are.	When it nothing shines upon.
Up above the world so high,	Then you show your little light,
Like a diamond in the sky.	Twinkle, twinkle, all the night.
Twinkle, twinkle, little star,	Twinkle, twinkle, little star,
How I wonder what you are.	How I wonder what you are.

Baby's Nap

This is a baby ready for a nap. (*Extend pointer finger, making a fist with other fingers.*)

Let's lay her down in a soft, warm lap. (*Place pointer finger on the open palm of the other hand.*)

Cover her up so she won't peep. (*Wrap fingers around finger.*)

And rock her till she's fast asleep. (*Rock hands gently back and forth.*)

Wide-Eyed Owl

There's a wide-eyed owl (*Circle eyes with hands, as if simulating binoculars.*)

With a pointed nose, (*Make a beak with fingers.*)

Two pointed ears, (*Make ears with fingers.*)

And claws for toes. (*Wiggle your toes or fingers.*)

She lives way up in a tree, (*Point toward ceiling.*)

And when she looks at you, (*Point to children.*)

She flaps her wings (*Flap arms.*)

And says, "Who! Who!"

The Granny's in the Bed

Practice retelling stories with this altered version of Don and Audrey Wood's "The Napping House," sung to the tune of "The Farmer in the Dell." If you wish, create flannel board props using the reproducibles found at www.dbrl.org/summergroups.

The granny's in the bed.

The granny's in the bed.

Snore, snore, snore, snore!

The granny's in the bed.

The child climbs on the granny.

The child climbs on the granny.

Dream, dream, dream, dream.

The child climbs on the granny.

The dog climbs on the child.

The dog climbs on the child.

Doze, doze, doze, doze.

The dog climbs on the child.

The cat climbs on the dog.

The cat climbs on the dog.

Snooze, snooze, snooze, snooze.

The cat climbs on the dog.

The mouse climbs on the cat.

The mouse climbs on the cat.

Slumber, slumber, slumber, slumber.

The mouse climbs on the cat.



SONGS AND RHYMES

The flea climbs on the mouse.
The flea climbs on the mouse.
Bite, bite, bite, bite.
The flea climbs on the mouse.

End your song at this point, or continue with the following verses:

The mouse scares the cat.
The mouse scares the cat.
Meow! Meow! Meow! Meow!
The mouse scares the cat.

The cat claws the dog.
The cat claws the dog.
Arf! Arf! Arf! Arf!
The cat claws the dog.

The dog thumps the child.
The dog thumps the child.
Ouch! Ouch! Ouch! Ouch!
The dog thumps the child.

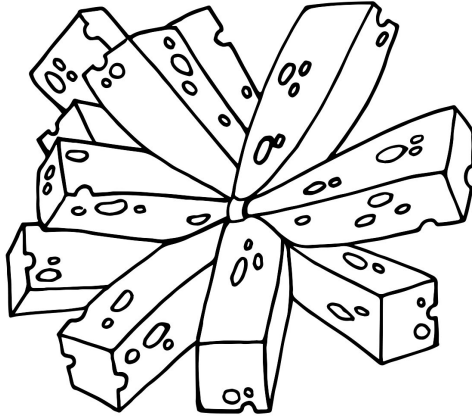
The child bumps the granny.
The child bumps the granny.
Hey! Hey! Hey! Hey!
The child bumps the granny.

We're in the napping house.
We're in the napping house.
We're in the napping house.
Where no one now is sleeping!



LITTLE EXPLORERS

Sensory exploration stimulates children's senses and gives them a way to develop their problem solving skills. In addition, it's a lot of fun, even for grown ups!



Sponge Stars

Try using the sponge stars, wet or dry, for different experiences! Babies will find the texture and colors interesting and will enjoy grasping and exploring them with their hands. Older children can play catch and shoot baskets (a plastic bucket works well).

What you need:

- Two plain kitchen sponges, any color
- String, rubber band, or zip tie
- Scissors

What you do:

Cut one sponge in half lengthwise, and each of those sections in half lengthwise again. You will have four strips of equal size. Repeat these steps with the second sponge. Gather all eight of the strips together and cinch around the middle with a zip tie, rubber band or piece of string. Cinch it tightly. Trim any excess zip tie or string, and you're ready to play!

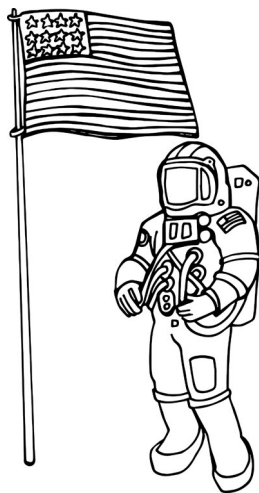
Astronaut Gloves

What you need:

- Rubber dish gloves
- Various toys
- Paper and pencils or crayons

What you do:

Everything is different when you're wearing astronaut gloves! Provide different toys like blocks or cars and invite children to try various tasks while wearing the gloves. This activity helps children focus on their fine motor skills, and improve their patience and concentration. To simulate zero gravity, tape a piece of paper to the underside of a table and ask your young astronauts to write while upside down! This can also be a good activity for the children waiting for their turn to use the gloves.



Catch a Star Sensory Bin

For this sensory bin, you can incorporate the "Sponge Stars" and "Astronaut Gloves" above.

What you need:

- Large shallow bin
- Yellow pom-poms
- Dried black beans
- "Sponge Stars"
- Glow-in-the-dark stars
- Foam stars
- Tongs
- Rubber dish gloves ("Astronaut Gloves")

What you do:

Fill the bin with the dried black beans, to represent the night sky. Then add the various stars. Encourage your class to use the tongs and Astronaut Gloves to catch the stars. By using the tongs, the children will be using different muscles in their hands and improving their hand-eye coordination. Lead the class in discussing the differences between the stars in terms of color, size and texture.

Straight Lines Sensory Bin

As children begin to recognize letters in preparation for reading, one of the fundamental shapes they encounter is the straight line. Create a bin full of straight line-inspired items to explore together! This will help your class become acquainted with the characteristics of straight lines, and manipulating the objects will let children practice the fine motor skills they need when they learn to write.

What you need:

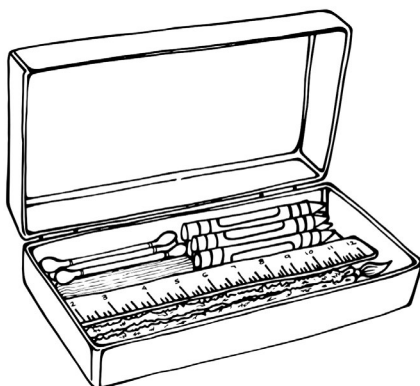
- A shallow bin

A variety of items shaped like straight lines or thin rectangles, such as:

- Spaghetti noodles
- Pipe cleaners
- Small plastic tongs
- Plastic rulers
- Wooden craft sticks
- Unsharpened, child-safe pencils
- Crayons
- Chopsticks
- Plastic zip ties
- Thin paint brushes
- Cotton swabs

What you do:

Let the kids explore and play with the items in the bin! Then suggest that they take the items out of the bin, and try placing them end to end in a line, stacking the items, sorting objects by size or color, or creating a larger shape out of several items. There's no right or wrong way to play. Follow their lead and have fun!



Constellation Sensory Bag

A sensory bag is a great alternative to sensory bins, and this one uses glow-in-the-dark stars!

What you need:

- Gallon storage bag
- Clear hair gel (16oz)
- Small glow-in-the-dark stars
- Silver glitter
- Black construction paper or poster board

What you do:

Empty the hair gel into the storage bag, and add the glow-in-the-dark stars and glitter. Lay the bag flat and squeeze out the air before sealing it. Tape the flat bag onto black paper if you'd like the stars to really stand out. Taping the bag down will also encourage children to play with it more gently! Let them push the stars around in the bag. Turn the lights off to see the stars glow. Encourage your class to count the stars and describe what the bag feels like. Older children can attempt to push the stars into patterns or constellations.

Galaxy Sensory Bag

What you need:

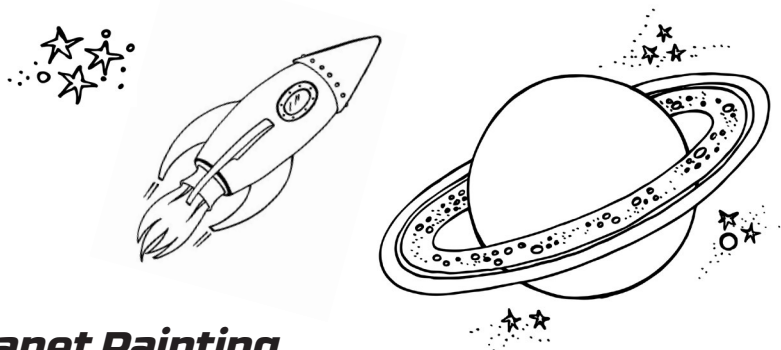
- Cotton balls
- Pink and blue washable paint
- Duct tape
- Water
- Vegetable or baby oil
- Glitter
- Ziploc storage bags

What you do:

Layer materials inside the bag in this order: cotton balls, a bit of oil, water, glitter and some paint. Repeat. As your bag starts to fill with soaked cotton balls, there will be room for more layers. As you go, seal the bag and mix the materials together. Once the bag is completely full, squeeze all of the air out before sealing it shut. For extra security, use the duct tape to seal the edges of the bag so it can stand up to heavy play!

ASTRONAUT CRAFTS

This set of messy activities helps children develop their fine motor skills and creativity. As you do these crafts with your group, remember to narrate what's happening as a way to introduce new vocabulary!



Planet Painting

This activity is a lot of fun, and lets you get as in-depth about astronomy as you'd like. Choose your paint colors and ball size based on the planets: yellow for Venus, red for Mars, blue for Earth and orange for Jupiter.

What you need:

- Box, large enough to accommodate a piece of construction paper (Consider several boxes, depending on the size of your group and the speed at which you'd like to finish the activity.)
- Construction paper
- Balls of varying sizes and textures (golf balls, tennis balls, wiffle balls, etc.)
- Washable paint

What you do:

Place a piece of construction paper in the bottom of the box. Squirt a little bit of paint onto the paper. Place one ball in the box. Explain your choice of ball and color. For example, orange paint and a larger ball represents Jupiter. Help children gently tilt the box from side to side, making the ball roll over the paper. Try using different balls for different effects. Does a golf ball make a different pattern than a tennis ball? When the paper is dry, admire your planet painting creations!

Tube Rockets

What you need:

- Empty paper towel tubes (one per child is ideal; tubes can also be made ahead of time by rolling cardstock into a tube shape and taping the edges together)
- Markers or stickers
- Yarn
- Tape
- Construction paper
- Tube Rocket cone pattern (at www.dbrl.org/summergroups)

What you do:

Each child decorates their paper towel tube, using markers or stickers. Help them make a cone by tracing the cone pattern onto construction paper, cutting out the pattern and rolling the paper into a cone. Secure the seam of the cone with tape, being sure to leave a hole in the cone's tip so that a piece of yarn can easily be threaded through. Attach the cone to the tube with tape. String the rocket onto a long piece of yarn, and tie each end of the yarn to a different stable item, like a doorknob or table leg. Push the tubes along the yarn, making them "fly."

Moon in the Sky

What you need:

- Glue or glue sticks
- Black or dark blue construction paper
- White crayons
- White or yellow muffin liners
- *Star-shaped stickers (optional)*

What you do:

Together with the children, flatten the muffin liners and glue them to the paper to represent the moon. Then draw or stick on stars, planets, rockets and other objects from the night sky.

Moon Dust Sensory Trays

Best with small groups or older children.

What you need:

- Table salt
- Disposable aluminum pie pans or casserole dishes
- Black food coloring
- Chopsticks, plastic forks and spoons, paintbrushes
- Silver glitter
- Bowl and spoon for mixing
- *Optional: sequins, marbles and other sparkly additions*

What you do:

Mix the salt with enough black food coloring to tint it gray. Add as much glitter as desired. The result is “moon dust.” Pour enough moon dust into a pie pan or dish to cover the bottom with a layer about $\frac{1}{4}$ ” thick. If you’d like, add marbles or sequins to serve as rocks on the moon. Distribute the forks, spoons and/or paintbrushes to the class. Encourage them to experiment with the moon dust, making shapes or writing letters. As they play, talk with them about the texture and appearance of the moon dust, as well as the shapes they’re making.

Blast Off Collage

Make a space scene with a rocket flying through it!

What you need:

- Glue sticks
- 11” x 17” black paper
- Paint
- Tissue paper (various night sky colors)
- Paintbrushes
- Star stickers
- Rocket templates (at www.dbri.org/summergroups)

What you do:

Hand out rocket templates for children to decorate and cut out. Using various materials, have them create night-sky or outer-space backgrounds on the black paper. They can tear up tissue paper and glue it down to add texture to the sky, or paint the moon or constellations. Once the sky is ready, they glue the decorated rockets to the background to complete their blast off collage.

Galaxy Bottles

Older children can help make these bottles, while younger ones can simply enjoy what you've created.

What you need:

- Clear plastic bottles with lids
- Food coloring
- Baby oil
- Water
- Silver glitter

What you do:

Ahead of time, remove any labels from the bottles and clean off all residue. Fill the bottles halfway with baby oil. Pour about $\frac{1}{2}$ teaspoon of glitter into each child's bottle. In a separate container, mix together water and food coloring to create the desired color. Experiment with different colors and color combinations. Pour the colored water into the bottle, leaving about a $\frac{1}{2}$ " of air space at the top. Tighten the lid securely and shake your bottle to reveal a shimmering galaxy!



Play Dough Moon Phases

What you need:

- Round cookie cutter or cup for each child
- Play dough

What you do:

While the children play with the play dough, tell them briefly about some of the moon phases. Depending on the age of your class, choose the easiest phases, like full moon, quarter moon and new moon. Instruct each child to roll out their dough into a circle or full moon shape. They can use the cookie cutter to achieve this shape. Next, have them use their cookie cutter to cut away part of the circle to create a different moon phase. End with the new moon, as they put away their play dough.

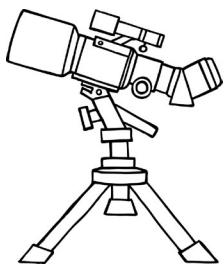
Moon Sand

What you need:

- 4 cups flour
- Large bin or tray
- Spoon
- ½ cup baby oil
- Measuring cups and spoons
- Toy vehicles

What you do:

Using your hands or a spoon, mix the flour and baby oil together in a large tray to make moon sand. Spread it out in the tray, and invite the kids to play! They can measure the sand or drive toy vehicles through it.



Telescope

What you need:

- Stickers
- Markers
- Scissors
- Tape
- Copies of the Telescope Checklist (at www.dbrl.org/summergroups)
- Cardboard tubes (paper towel tubes work best)
- Construction paper
- Glue sticks
- Drawing materials

What you do:

Cover the tubes with construction paper, using tape or glue. Ask your class to decorate their tubes using stickers and markers. Next, use the tubes to practice finding items. Distribute copies of the Telescope Checklist. Some items can be seen in the night sky, but they might also be in your classroom! Do you have a picture of the moon, or a star hanging up? Instruct children to look through their telescopes with one eye to locate the items. Good scientists and explorers record what they see! Have the children draw their observations in the circle provided on the checklist. Encourage them to take their telescopes home and practice at night with their families!

Galaxy Slime

Working with older kids this summer? Try this glittering, beautiful slime variation! Make some ahead of time for younger children and portion it out into ziploc bags.

What you need:

- Paper bowls
- Clear glue
- Warm water
- Food coloring (blue and red)
- Liquid starch
- ½ cup measuring cup
- Wax paper
- Glitter (small, large, and confetti shapes)
- Spoons

What you do:

Use a spoon to mix ½ cup of clear glue and ½ cup of warm water in a paper bowl until well blended. Stir in a few drops of food coloring. To get a dark galaxy purple, use six drops of blue and three drops of red. Mix glitter into the liquid. Adding just a little at a time, stir in up to ½ cup of liquid starch. The slime will start to hold its shape and get harder to stir with the spoon. Continue mixing by hand, until it's possible to turn out the glob of slime onto a piece of wax paper. Have fun kneading and stretching the universe!

Star Rubbings

What you need:

- Cardboard
- White paper
- Scissors
- Dark blue crayons
- Glue

What you do:

Ahead of time, cut out small star shapes from cardboard. Make rubbing plates by gluing the stars onto larger pieces of cardboard. Invite the children to use the homemade rubbing plates by placing sheets of white paper on top, then rubbing over the paper with blue crayons.

SPACE GAMES

Spice up the routine by incorporating these space-themed games into your day. Children will improve their hand-eye coordination and listening skills while having fun!

Astronaut Says

What you do:

In this Simon Says-inspired game, invite the children to follow your instructions for different movements. Preface your instructions with "Astronaut says ..." and specify that players should only follow these instructions (and should not follow instructions without the "Astronaut says ..." preface). Feel free to use traditional movements like "pat your head" or "wiggle your hips," but try throwing in some astronaut-themed actions as well! Try "jumping on the moon" or "putting on your helmet."

Star Toss

What you need:

- Glue
- Black marker
- Beanbags
- Ten blue or black paper plates
- Yellow construction paper
- Floor tape

What you do:

Ahead of time, cut 10 large star shapes from yellow paper. Write the numbers 1 to 10 on the stars, one number per star. Glue one star onto the face of each paper plate. Set up the game by placing the plates in rows or spreading them out on the floor. Using floor tape, mark a starting line on the floor. Place the beanbags at the starting line.

To play the game, each child stands behind the start line and tosses the beanbags, trying to "catch a star" by landing on a plate. With younger children, ask them to call out the number on each star they catch. For older children, ask them to add up the numbers they've caught.

Meteor Toss

For a different variation on the Star Toss, try it with planets instead of stars! The bean bags become meteors and children try to hit each planet.

What you need:

- Beanbags
- 8 Baskets or boxes
- Illustrations of each planet, like those at www.dbrl.org/summergroups
- Tape

What you do:

Print, color and cut out each planet. Tape the image of each planet to one of the baskets or boxes and label it. Arrange them on the floor, being as astronomically correct as you'd like. Children will stand on a starting point and take turns tossing their beanbag meteors at the planets. Have each child call out the name of the planet they hit, and see if they can hit all eight! To make it harder, take off points if their meteor hits Earth.

Moon, Moon, Rocket

This game is based on Duck, Duck, Goose, but in this rendition children will mimic the path of a spacecraft in lunar orbit.

What you do:

To play, children are seated in a moon circle. One person is made "it" and referred to as the rocket. The rocket moves around the outside of the circle, gently tapping the heads of each child in the circle while saying "moon" or "rocket." Children tagged "moon" stay seated as part of the circle; the child tagged "rocket" gets up and chases the "it" rocket once around the moon circle. If the original rocket is caught, the child continues to be "it" for another round; if the rocket makes one orbit and sits down in the vacant space without being caught, then the chasing child becomes "it."

Pass the Star

This game works best with larger groups, as you'll be dividing children into two teams to play.

What you need:

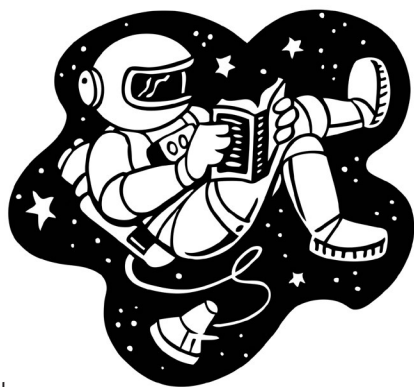
- Cardboard
- Aluminum foil
- Scissors
- Glue

What you do:

Before the game, cut two large stars from cardboard. Cover them with aluminum foil and glue to secure. Divide the children into two groups and have each group stand in a circle. Name one child in each group the "astronomer" and hand them a cardboard star. When the signal is given to start, the astronomer passes the star to the child on their left. Play continues as the star is passed around the circle twice, as quickly as possible. When the star returns to the astronomer after the first pass, everyone should call out "one." Upon the second pass, call out "two" and stop passing the star. The first team to finish gets to choose an action for the other team to perform, such as:

- Do a spacewalk: walk with large, dramatic movements like you're walking in low gravity
- Jump to the stars: jump up and reach for the sky five times
- Orbit the sun: walk one orbit all the way around the other group's circle

For older children, increase the difficulty by passing the star differently each time: around your back, between your legs, over your head, etc.



RESOURCES

Board Books

- Goodnight Moon by Margaret Wise Brown (SE BRO)
- ABCs of Space by Chris Ferrie (SE FER)
- Astrophysics for Babies by Chris Ferrie (SE FER)
- Outer Space by Ruth Martin (SE MAR)
- In Space by Helen Poole (SE POO)
- Curious George and the Rocket by H.A. Rey (SE REY)
- Our Solar System by Peter Roop (SE ROO)
- Baby Loves Aerospace Engineering! by Ruth Spiro (SE SPI)
- Rocket: A Journey Through the Pages Book by Mike Vago (SE VAG)
- A New Hope by Jack Wang (SE WAN)

Picture Books

- Hey-ho, to Mars We'll Go! A Space-age Version of the Farmer in the Dell
by Susan Lendroth (E629.4553 LEN)
- Mae Among the Stars by Roda Ahmed (E AHM)
- Fly Guy and the Alienzz by Tedd Arnold (E ARN)
- Out of This World (Pete the Cat) by James Dean (E PET DEA)
- Night, Night, Groot by Brendan Deneen (E DEN)
- Aliens Love Underpants by Claire Freedman (E FRE)
- The Darkest Dark by Chris Hadfield (E HAD)
- Kitten's First Full Moon by Kevin Henkes (E HEN)
- Mousetronaut: Based on A (partially) True Story by Mark E. Kelly (E KEL)
- Pluto Visits Earth! by Steve Metzger (E MET)
- Stellar Stargazer! (Fancy Nancy) by Jane O'Connor (E OCO)

Beginning to Read Books

The Magic School Bus Takes A Moonwalk by Joanna Cole (E COL)

Chase's Space Case by Kristen L. Depken (E DEP)

Space Heroes by Hannah Dolan (E629.4092 DOL)

Katherine Johnson by Thea Feldman (EB JOH)

Secrets of the Dark Side (LEGO Star Wars) by Matt Jones (E LEG JON)

The Stellar Story of Space Travel by Patricia Lakin (E629.41 LAK)

Fancy Nancy Sees Stars by Jane O'Connor (E OCO)

Looking Up! The Science of Stargazing by Joe Rao (E520 RAO)

Missouri Building Block Kits (Ages 2-6)

The Missouri Building Block Picture Book Award is presented annually to the author and illustrator of the picture book voted most popular by preschool children in Missouri's public libraries and is designed to encourage reading aloud to children from birth through kindergarten age. We have a kit you can borrow containing the 10 nominees, ballots and "I Voted" stickers. After reading the books, your class can vote for the 2019 Award.

Dash Robot STEAM Kit (Ages 6+)



These new STEAM Kits include adorable little bots that are fun to drive around, while helping kids learn to code. A mobile device is required, but not provided. Recommended for ages 6 and older.

VISIT YOUR LIBRARY THIS SUMMER

Guidelines for Library Field Trips

With over 250 licensed child care programs in our service area, we need to manage the number of groups using our children's areas at one time. Please help us ensure that we have the room and resources to maintain a pleasant atmosphere for all of our patrons.

- Limit visits to once a month
- Limit visit time to one hour
- Limit the number of children in your group to 30
- Larger programs should plan to stagger visits to different days or times

Before your visit:

- Let us know you're coming. We would appreciate a phone call at least two days before your visit. Call (573) 817-7170.
- Plan for all adult chaperones to participate during your visit. Adult involvement is the key to a positive visit. We ask that you keep your students within sight, join in the activities and show the children that using the library is fun. Please plan to have one adult for every 10 students.
- Register to attend a child care program. We provide special programs designed for child care groups. See a full listing of group programs and registration information at www.dbrl.org/kidcare-events. Do not bring your group to a family program. We cannot accommodate groups in these programs, and we don't want to disappoint your children at the door.
- Get your students library cards! A library trip is more meaningful when children can enjoy choosing and checking out materials. If you would like to run a library card drive, please visit www.dbrl.org/library-card-drive.
- Request a tour. Want a library staff member to show your group around the library and share behind the scenes secrets? Schedule a tour at www.dbrl.org/group-tour-request. We need at least three weeks' notice.

We look forward to seeing your group at the library soon!



Daniel Boone Regional Library

P.O. Box 1267

Columbia, MO 65205-1267

Callaway County Public Library

Columbia Public Library

Holts Summit Public Library

Southern Boone County Public Library

Bookmobile & Outreach Services