

Week 15 SERIES 1500

LEARNING GOALS

- Use complete sentences when speaking
- Improve comprehension when reading
- Create art with different subjects and themes
- Interpret tally marks, picture graphs, and bar graphs
- Encourage children to use processing skills while hearing other objects
- Use ordinary hand tools and instruments to construct and look at objects
- Demonstrate inventiveness, imagination, and creativity to solve a problem
- Understand a compass rose and applying directional concepts
- Pinch, poke, pull, roll, and manipulate the shape of materials

DAILY SCHEDULE

Morning Routine
 (Brush teeth, get dressed, breakfast)
Curriculum Activity
 Snack
 Independent Play
Brain Waves
 Lunch
 Quiet Time
Curriculum Activity
 Outdoor Play
 Evening Routine

MATERIALS NEEDED

- | | | |
|-----------------------------|----------------------|-----------------------|
| ▪ art materials | ▪ glue | ▪ rubbing alcohol 70% |
| ▪ backpack | ▪ index cards | ▪ ruler |
| ▪ blanket | ▪ internet access | ▪ scissors |
| ▪ bread | ▪ jelly | ▪ spoon |
| ▪ canvas bag | ▪ large paper bag | ▪ stickers |
| ▪ cardboard | ▪ magnifying glass | ▪ stuffed animal |
| ▪ cardboard tube | ▪ Mentos® | ▪ tape |
| ▪ chart paper | ▪ paper | ▪ toothpick |
| ▪ child-appropriate music | ▪ pen/pencil/markers | ▪ water bottle |
| ▪ construction paper | ▪ permanent marker | ▪ wax paper |
| ▪ cookie or sandwich cutter | ▪ picnic basket | ▪ zip lock bag |
| ▪ diet cola (2-liter) | ▪ plastic lids | |
| ▪ duct tape | ▪ recording device | |
| ▪ eye dropper | | |

CURRICULUM SCHEDULE

MONDAY

Language/Literacy: *Explore Sentences in the Park*
 Creative Exploration: *Art in the Park*
 STEAM Ahead: *Graphing Fun with Park Finds*

TUESDAY

Math: *Mountain Measure*
 Music and Movement: *Draw What You Hear*
 STEAM Ahead: *Graphing Fun with Park Finds*

WEDNESDAY

Language/Literacy: *Summer Word Search*
 Science: *Soda Blast*
 STEAM Ahead: *Graphing Fun with Park Finds*

THURSDAY

Language/Literacy: *Landform Sentences*
 Dramatic Play: *How a Park Ranger Helps*
 STEAM Ahead: *Graphing Fun with Park Finds*

FRIDAY

Social Studies: *Compass Rose*
 Sensory Exploration: *Pirate Picnic*
 STEAM Ahead: *Graphing Fun with Park Finds*

Language/Literacy

Explore Sentences at the Park

Learning Goal: Use complete sentences when speaking

Materials: index cards, pen/pencil, magnifying glass, a trip to the park (or just in your backyard)

Preparation: Take the index cards and write incomplete sentences on them, like: “I like to...”, “My favorite park toy is...”, “Where are...”, “Look under...”.

Instructions:

1. Once at the park (or in your backyard), have your child cover his/her eyes while you hide the cards in different places.
2. Talk with your child about the park and the word **Exploration** and its meaning. Ask your child to explore for the hidden incomplete sentences.
3. When your child is exploring, have him/her use the magnifying glass to see how it makes objects larger.
4. Once your child finds the cards, have him/her complete the sentences and discuss them together.



Creative Exploration

Art in the Park

Learning Goal: Create art with different subjects and themes

Materials: canvas bag, permanent markers, cardboard (or other board to put in the bag to keep the markers from bleeding through), rubbing alcohol 70%, eye dropper

Preparation: Make a bag to put all of the goodies you find on your exploration of the park. ****Note: This project includes permanent markers and rubbing alcohol and should be done with adult supervision.**

Instructions:

1. Take all of your materials outside on the grass.
2. Put cardboard in the bag so that the markers don't bleed through to the other side.
3. Have your child begin decorating the bag with any picture he/she would like.
4. Take the dropper and fill with alcohol and have your child drop the alcohol on the picture to make a tie-die effect.
5. After the bag dries, have your child explore the park to gather leaves and sticks.



Math

Mountain Measure

Learning Goal: Interpret tally marks, picture graphs, and bar graphs

Materials: ruler, marker, chart paper

Instructions:

1. Review tally marks, picture graphs, and bar graphs.
2. Describe a picture graph as a chart that uses pictures to show information. Explain you will make a mountain picture graph to show his/her height.
3. Encourage your child to stand tall like a mountain in front of paper, place a ruler flat on top his/her head, and mark paper to indicate mountain peak.
4. Allow your child to form a mountain shape by drawing a slightly curved line on both sides of the mark. Have your child write his/her name at base of mountain.
5. Encourage children to interpret the graph. Motivate him/her to use terms “tall, taller, tallest, high, higher, and highest.”



Music and Movement

Draw What You Hear

Learning Goal: Encourage children to use processing skills while hearing other objects

Materials: child-appropriate music

Instructions:

1. Explain to your child you will play a variety of music, sounds, etc. and he/she should listen very closely.
2. While listening, ask your child to draw a picture of what he/she hears and interprets.



Language/Literacy

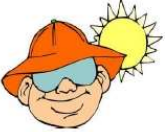
Summer Word Search

Learning Goal: Improve comprehension when reading


Materials: Summer Word Search (provided with packet)

Instructions:

1. Have your child complete the summer word search page activity page (large copy of word search pages provided at the end of the packet).




Summer Time



A	I	C	E	C	R	E	A	M	B	A	B
S	O	U	T	S	I	D	E	W	S	U	A
U	J	U	K	O	U	B	E	A	C	H	L
N	F	R	I	E	N	D	P	R	A	J	L
N	H	O	D	P	H	S	O	M	M	U	K
Y	I	C	S	P	O	O	L	N	P	L	I
A	U	G	U	S	T	N	P	L	A	Y	N

Find these words in the puzzle. Words are hidden → and ↓.

AUGUST	JULY
BALL	KIDS
BEACH	OUTSIDE
CAMP	PLAY
FRIEND	POOL
HOT	SUNNY
ICE CREAM	WARM



Science

Soda Blast

Learning Goal: Use ordinary hand tools and instruments to construct, measure and look at objects

Caution: Conduct this activity in an open area outside. Have your child stand at least 15 feet away from the bottle. Provide close supervision.

Materials: diet cola (2-liter), Mentos®, construction paper, duct tape, toothpick, internet access, website for Soda blast video:

<https://www.youtube.com/watch?v=i8AkIT0cNDE>

Preparation: Preview video. Take one piece of construction paper and roll it around a pack of Mentos. Remove the pack of Mentos while the paper is still rolled up and tape the paper on both ends to hold the roll together to create a tube. This will be the geyser.

Instructions:

1. Invite your child to join you outside for an activity.
2. Engage your child in a discussion about a geyser. Describe a geyser as a spring or fountain that releases water and steam with a strong force. Half of the geysers that exist in the world today can be found at Yellowstone National Park.
3. Place the full 2-liter of diet cola upright in an open grassy area outside.
4. Remove the lid and place the geyser tube over the opening. Tape the tube to the top of the bottle.
5. Insert one toothpick through the side of the tube just above the opening of the 2-liter where you just added tape.
6. Drop 5-6 Mentos into the geyser tube and stand back (at least 15 feet away).
7. Have an adult remove the toothpick and stand back quickly.

Language/Literacy

Landform Sentences

Learning Goal: Use complete sentences when speaking

Materials: plastic lids, tape, scissors, Teaching Tool: Landforms (included in packet), device for recording

Instructions:

1. Explain each of the landform pictures and definitions using the Teaching Tool.
2. When your child understands all of the pictures and words, cut out each picture and tape to a plastic lid.
3. Explain how a Frisbee® is a popular toy used to play catch outdoors. Stand an arm-length apart from your child.
4. Toss each lid like a frisbee to your child and encourage him/her to say a complete sentence about the image, for example: "This is a snowy mountain."
5. Let your child record his/her sentence. Replay it and describe the parts of the sentence.



Dramatic Play

How a Park Ranger Helps

Learning Goal: Demonstrate inventiveness, imagination, and creativity to solve a problem

Materials: large paper bag, cardboard tube, scissors, tape, art materials, backpack, water bottle, stuffed animals, internet access, website: <https://www.sciencebuddies.org/science-engineering-careers/earth-physical-sciences/park-ranger>

Preparation: Use the information on the website to review the occupation of a National Park Ranger. Connect the idea of different landforms and park rangers in a variety of environments.

Instructions:

1. Make a park ranger vest from the paper bag:
 - Lay the bag flat and cut out the neckline from the bottom of the bag.
 - Cut up the front of the bag to create the vest.
 - Cut the arm holes and trim the vest opening.
 - Turn the vest inside out so any print is facing in.
 - Use marker to decorate the vest.
2. Make binoculars from the cardboard tube by cutting in half and taping together.
3. Help your child act out situations that a park ranger would engage in:
 - Spotting a forest fire and putting it out
 - Transporting an injured animal to a wildlife clinic
 - Giving a guided tour of the park

Social Studies

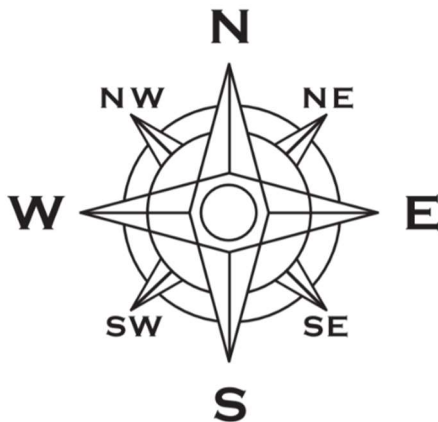
Compass Rose

Learning Goal: Understanding a compass rose and applying directional concepts

Materials: scissors, glue, Compass Rose Activity page (provided with packet)

Instructions:

1. Invite your child to join you for an activity.
2. Show the Compass Rose Activity page and explain that this is a compass rose. Describe it as a figure on a map, chart, or compass that shows the directions. Most show points for the “cardinal directions” (North, South, East, and West). Some, like the one below, also have points for Northeast, Northwest, Southeast, and Southwest.
3. Have your child color the compass rose on the activity page, cut out the direction labels, and paste them in their proper locations.
4. Then have your child draw what is located to the North, East, South and West of him/her.



Sensory Exploration

Pirate Picnic

Learning Goal: Pinch, poke, pull, roll, and manipulate the shape of materials

Caution: Please review materials and replace as needed due to allergies. Remember to wash hands before and after this activity.

Materials: blanket, bread, cookie or sandwich cutters, jelly, picnic basket, spoon, stickers, wax paper, zip lock bag

Instructions:

1. Invite your child to join you for a pirate picnic.
2. Place a piece of wax paper in front of your child and give him/her two slices of bread. Assist in removing the outside crust.
3. Encourage your child to choose a cutter shape or design and motivate him/her to press the cutter on each slice of bread.
4. Give your child a spoonful of jelly and have him/her spread it over both slices of bread.
5. Have your child place the sandwich in the zip lock bag and use stickers to personalize the bag.
6. Add the sandwich and other items to the picnic basket to enjoy!



Graphing Fun with Park Finds

Objective for Development and Learning: Use scientific inquiry skills, demonstrate knowledge of the physical properties of objects and materials, use number concepts and operations, and engage in problem-solving.

Rationale: Your child has experienced exploration in the park in many ways this week. He/she has collected leaves and sticks and other items during explorations. Now, he/she will use math and scientific inquiry skills to make graphs of what was found.

Materials and Directions: • paper • pencil • different colored markers • items gathered on exploration

- Gather the items that your child found on the exploration. Separate the items into groups: leaves, rocks, sticks, and other items.
- Discuss different types of graphs (bar graphs, pie charts, line graphs).
- Encourage your child to count the items in each group and make a graph to reflect the information.
- Have your child color in the graph.
- Suggest that your child try making different types of graphs.

Open-Ended Questions: ▪ How many items of each did you find? ▪ Which item do you have the most of? ▪ Which item do you have the least of? ▪ Why do you think graphs are important?



TEACHING TOOL: Landforms for Frisbee Landform Sentences

Coast: An area of land that meets the sea



Desert: A large dry area of land with less than 10 inches of rain per year and very few plants or animals



Plain: A large area of land that is mostly flat, like where large crops grow



Plateau: A raised area of land that has a flat surface, sometimes found in mountain areas

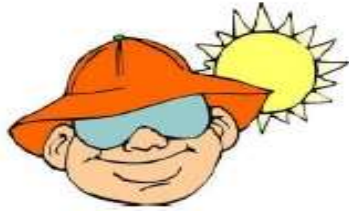


Mountain: A large land area that stretches high above ground



Valley: a long ditch in the earth's surface, usually formed by rivers that erode, or wear down soil and rocks





Summer Time



A	I	C	E	C	R	E	A	M	B	A	B
S	O	U	T	S	I	D	E	W	S	U	A
U	J	U	K	O	U	B	E	A	C	H	L
N	F	R	I	E	N	D	P	R	A	J	L
N	H	O	D	P	H	S	O	M	M	U	K
Y	I	C	S	P	O	O	L	N	P	L	I
A	U	G	U	S	T	N	P	L	A	Y	N

Find these words in the puzzle. Words are hidden → and ↓.

AUGUST

BALL

BEACH

CAMP

FRIEND

HOT

ICE CREAM

JULY

KIDS

OUTSIDE

PLAY

POOL

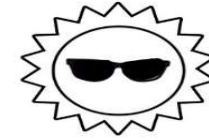
SUNNY

WARM



SUMMER

WORD SEARCH



A R E F J E T R I S U M M E R M I S
U S E S T O R Y W H P P O O I N O V
P E T F U N O I W O S R K T B H S M
S E A N I V M R U R N V I N A R E T
R M T O L M I D O T T P A N U L D I
C A M P I N G R O S P O S Y K R M Y
P X O N E E U I L K T O H N U F N N
L N G F S C R C I N P L V K D P S Z
E J A S U D G U H B L H O T Q N K V
I V W S E R Y M Z R K R J G S U M A
L L X A E U O R E L K N I R P S F C
F R U I T L G L N G T H A P O T D A
S S M R D E X H V N O O I A P H J T
S A D E O P R E H R B U E K S I O I
P I T D F I O M W V T K L B I I S O
D T K I O R T D E C L E F O C N G N
G R A S S S O Y A L P I S S L S G N
U V U T C N S L E M O N A D E N H I
S F I U T P F O I L O N E O W Y A T
R T R O A D T R I P I C N I C S R U

summer
pool
swimming
camping

fun
sun
grass
outside

hot
sprinkler
picnic
road trip

shorts
vacation
watermelon
play

fruit
hiking
popsicle
lemonade

Color the Compass. Cut the labels and paste them on the Compass Rose.

Using the compass, draw a picture of something located in each of those directions

NW NE

SW SE

N
North

S
South

E
East

W
West