














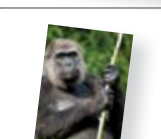
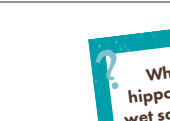
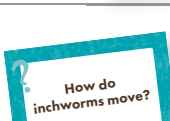


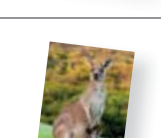


Animals A to Zoo







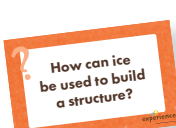



WEEK 1 ANIMALS A-E

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
LESSON 1 Alligator Teeth <small>SCI 2 Natural & Earth Science PD 2 Fine Motor</small>	Playdough Golf tees or craft sticks	 	Set out playdough and golf tees or craft sticks. Encourage the children to press the items into the playdough and make an alligator mouth full of teeth.
LESSON 2 Nature Nests <small>MR 7 Logic & Reasoning PD 2 Fine Motor CA 3 Visual Arts</small>	Nature items	 	Gather a variety of nature items such as leaves, sticks, rocks and flowers. Encourage the children to construct a bird's nest using any desired nature items.
LESSON 3 Climbing Camels <small>PD 1 Gross Motor MR 7 Logic & Reasoning</small>	Pillows Blankets	 	Set up a mound of pillows somewhere outside (on a soft surface, such as grass, if possible). Cover the mound with a blanket. Encourage the children to climb over the "camel hump" or create their own obstacle course.
LESSON 4 Under the Sea <small>SCI 2 Natural & Earth Science CA 4 Drama</small>	Crepe paper or fabric strips Stuffed animals Sea creature figurines Ocean books Tape	 	Place a table in the Dramatic Play area. Tape blue crepe paper or fabric strips under the table to create an ocean. Place sea creature toys or stuffed animals under the table. Set out ocean books (fiction and non-fiction), if desired.
LESSON 5 Inside an Elephant <small>MR 7 Logic & Reasoning SED 1 Self-Awareness</small>	Tape Building materials: blocks, cups, bowls	 	Use tape to create a large elephant outline on the floor. Encourage the children to build within that shape. Set out a variety of building materials such as blocks and cups/bowls.







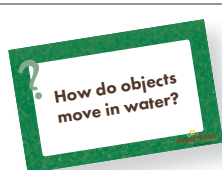


WEEK 2 ANIMALS F-K

LESSON 6 Fox's Den <small>CA 4 Drama SED 4 Social Relationships</small>	Tent or large box Blanket Sheet Flashlight Animal books	 	Set out a tent or a large box with an opening (or cover a table with a blanket). Place a sheet and other cozy materials inside. Put a flashlight and some animal books inside the den.
LESSON 7 Nature's Tools <small>LLD 7 Writing SCI 1 Investigation & Inquiry</small>	Nature items Sand tray	 	Set out nature items (sticks, plant stems, rocks, etc.) and a sand tray. Explain that gorillas mostly eat stems, plants and fruit. Encourage the children to use the nature items to draw designs and pictures in the sand.
LESSON 8 Dry & Wet Sand <small>SCI 3 Physical Science MR 7 Logic & Reasoning SCI 4 Technology</small>	Bins of sand (2) Stirring tools Water		Set out two bins of sand. Pour water into one of the bins but keep the other dry. Place some stirring tools in both bins. Encourage the children to explore, stir and feel the different textures.
LESSON 9 Inchworm Paths <small>SCI 1 Investigation & Inquiry MR 7 Logic & Reasoning</small>	Pipecleaners Building materials: cardboard tubes, blocks	 	Set out pipecleaners and a variety of building materials. Encourage the children to build paths or tunnels for the "inchworms" (pipecleaners) to travel on/in.
LESSON 10 Kangaroo Pouch <small>PD 1 Gross Motor SCI 2 Natural & Earth Science</small>	Paper lunch bags Tape	 	Give each child a paper lunch bag and help tape it to their stomach. Encourage the children to hop around the outside area and find nature items that can fit inside their pouch.

WEEK 3 ANIMALS L-R

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
LESSON 11 Wool Shop <small>SCI 1 Investigation & Inquiry</small> <small>SS 2 Civics & Economics</small> <small>CA 4 Drama</small>	Variety of yarns Recycled objects	 	Gather a variety of different-colored yarn. Set up to resemble a yarn/wool store. Set out a variety of recycled objects (bottles, cardboard tubes, etc.) for the children to wrap yarn around.
LESSON 12 Moose Paths <small>SS 3 Geography</small> <small>SED 4 Social Relationships</small>	Nature items	 	Gather nature items, such as large sticks, rocks and leaves. Work together to make paths or trails for a moose to walk on. Encourage the children to create paths all around the outdoor play area, then follow them.
LESSON 13 Ramps & Slides <small>SCI 3 Physical Science</small> <small>PD 2 Fine Motor</small> <small>SCI 4 Technology</small>	Ramp Cardboard tubes Objects that roll	 	Set out rolling objects and flat surfaces that can be used for ramps. Set out cardboard tubes for the children to connect and roll objects down. Explain that otters love to slide down rivers, rocks and mud slides. Invite the children to make an otter playground.
LESSON 14 Ice Towers <small>SCI 3 Physical Science</small> <small>MR 7 Logic & Reasoning</small>	Containers with water Bin Arctic animal toys (optional)	 	Fill various containers with water and freeze them overnight. Remove the ice from the containers and place inside a bin. Invite the children to explore stacking the ice shapes and creating ice towers. If desired, add arctic animal toys.
LESSON 15 Shedding Skin <small>MR 7 Logic & Reasoning</small> <small>PD 2 Fine Motor</small>	Blocks Paper, foil or wrap Tape Box lid and glue (optional)	 	Wrap blocks or other items from around the room in recycled paper, foil or plastic wrap and lightly tape. Encourage the children to take off the "skins." If desired, squeeze glue on a plastic box lid, let it dry, then invite the children to try and peel the "skin."

WEEK 4 ANIMALS S-Z

LESSON 16 Wool Stuffing <small>SCI 3 Physical Science</small> <small>PD 2 Fine Motor</small>	Stuffing materials Variety of bags	 	Set out different stuffing materials, such as batting, cotton balls, fabric, packing materials and newspaper. Gather different type of bags (paper bags, pillowcases, clear zip bags, etc.) and encourage the children to explore stuffing the material inside the bags.
LESSON 17 Tiger Tails <small>CA 4 Drama</small> <small>SED 4 Social Relationships</small>	Yarn, ribbon, fabric strips	 	Gather a variety of yarn, ribbon and other fabric strips. Encourage the children to explore wrapping and tying the materials around their waist and pretending they are tiger tails.
LESSON 18 Garbage Hunters <small>SCI 2 Natural & Earth Science</small> <small>SED 1 Self-Awareness</small>	Paper bags Markers Nature items	 	Set out paper bags and markers for the children to decorate. Explain that vultures are known for eating things other animals think of as garbage. They are scavengers and help keep our planet clean. Encourage the children to go outside with their bags and pick up any nature items or trash.
LESSON 19 Transparent Investigation <small>SCI 1 Investigation & Inquiry</small> <small>PD 2 Fine Motor</small>	Gallon clear zip bag Hair gel Nature items Tape Food coloring (optional)		Fill a gallon-sized clear zip bag with hair gel, food coloring (optional) and any interesting items from nature such as flowers and leaves. Secure the top with tape. Invite the children to feel and observe the material inside the bags.
LESSON 20 Rocky Trail <small>SCI 3 Physical Science</small> <small>MR 7 Logic & Reasoning</small> <small>SS 3 Geography</small>	Bin of rocks and blocks Toy animals (optional)	 	Set out a bin of rocks and blocks. Encourage the children to build a trail using the materials. Set out toy animals, if desired. Explain that yaks can walk on trails that are too narrow for horses.

Set-Up Directions

These open-ended STEAM stations invite children to investigate, problem-solve and create.

- Hang the Big Question and Inspiration Photos on the wall next to the place you set up the investigation.
- Use the labels to identify and organize materials children will use (and clean up) as they explore STEAM stations.

ROTATING YOUR STATIONS

- Introduce one new STEAM station daily. Leave that station set up all week. By the end of the week, children will have five stations to explore.



STEAM stations integrate perfectly with the monthly Experience Preschool Curriculum kits for a comprehensive research-based early learning system. Learn more and start your research-based curriculum today.

ExperienceCurriculum.com





**How many teeth
does an
alligator have?**



**What are nests
used for?**



**Why do camels
have humps?**



**What kind
of creatures
live in the sea?**



**How much
does a real
elephant eat?**



**Why do foxes
build dens?**



**What tools
do gorillas use?**



**Why might
hippos like cold,
wet sand or mud?**



**How do
inchworms move?**



**Why might
a kangaroo
have a pouch?**



**How is wool
spun into yarn?**



**How can
you build
a moose path?**



**How do
otters play?**



**How can ice
be used to build
a structure?**



**Why do snakes
shed their skin?**



**How much
wool can you
stuff into a bag?**



**What kinds
of animals
have tails?**



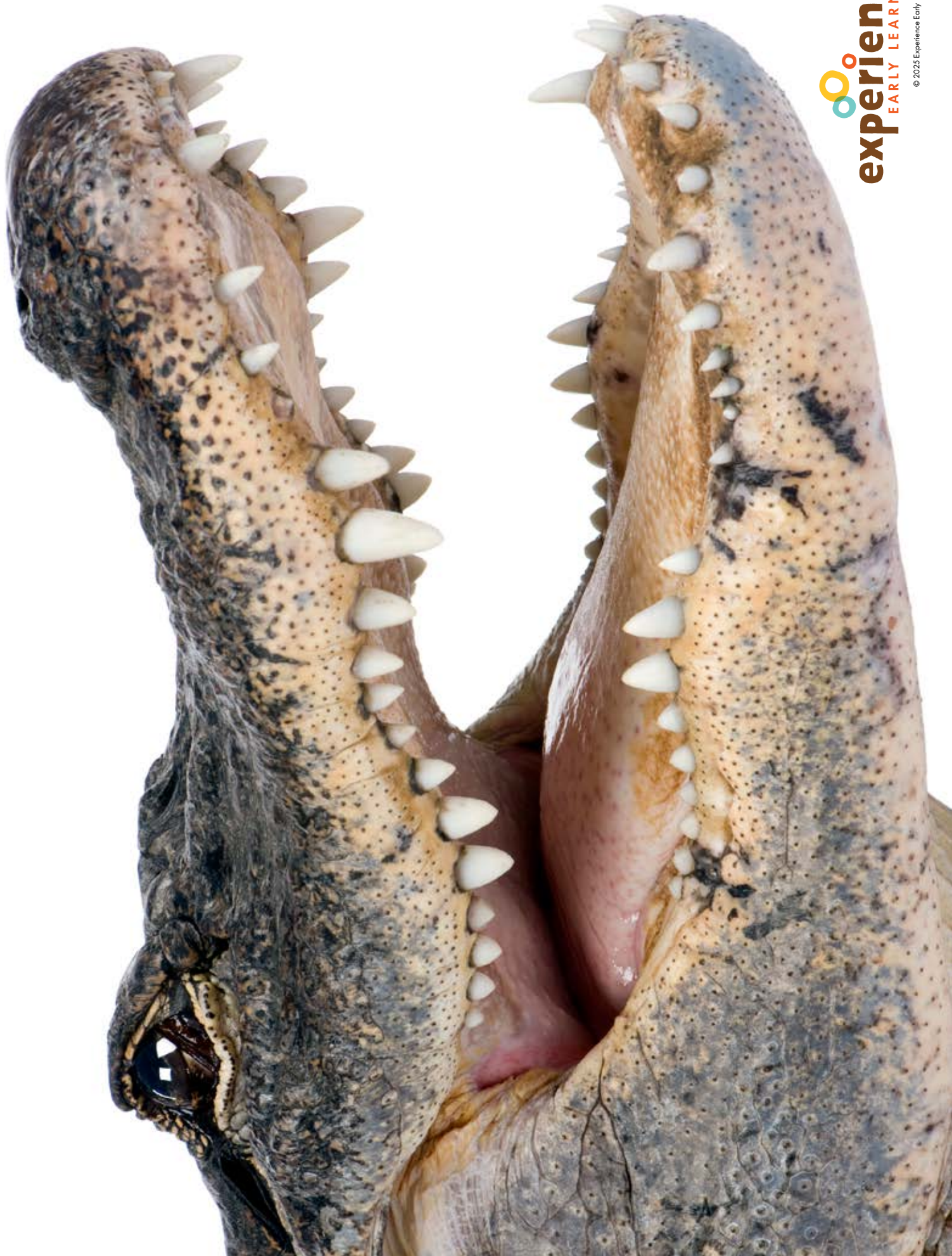
**How do
vultures keep
the planet clean?**



**How do objects
move in water?**



**How can you
build a rocky trail?**



TYPES OF BIRD NESTS



Platform



Cup



Burrow



Cavity




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YAY
ROO



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