



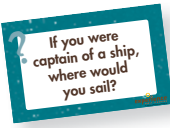

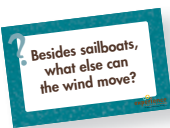




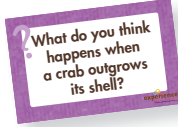







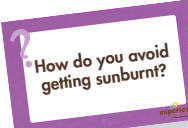


Treasure Island

WEEK 1 SETTING SAIL

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
LESSON 1 Floating Islands <small>MR 7 Logic & Reasoning SCI 1 Investigation & Inquiry</small>	Paper (blue) Paper plates Blocks	 	Set out a blue sheet of paper in the block area to create water. Place different-sized paper plates on the water. Encourage children to build with the blocks on the islands or construct bridges to connect them.
LESSON 2 Building Boats <small>MR 7 Logic & Reasoning PD 2 Fine Motor</small>	Buoyant materials Bin of water	 	Set out a variety of buoyant materials (e.g., corks, water bottles, egg cartons) for children to build different types of boats. Encourage children to try to float their boats in a bin of water.
LESSON 3 Captain of the Ship <small>MR 2 Spatial Reasoning CA 4 Drama</small>	Cardboard box Blanket (blue) Pirate costumes and props Treasure map	 	Place a large cardboard box on a blue blanket. Decorate it to look like a ship. Create a treasure map using classroom landmarks or invite children to create their own treasure maps. Set out costumes, map and props for children to pretend they are pirates or captains of a ship.
LESSON 4 Strong Winds <small>MR 7 Logic & Reasoning SED 4 Social Relationships</small>	Sheets Stuffed animals or balls	 	Provide "sails" (sheets) outside for children to explore. Encourage them to hold the edges and move the sheets up and down. Set out different objects (e.g., stuffed animals or a ball) to place in the middle and move the sheet up and down.
LESSON 5 Sun vs. Shade <small>SCI 4 Technology SCI 1 Investigation & Inquiry</small>	Ice cubes Black paper Two plates Two stopwatches		Place black paper and one ice cube on each plate then place one plate in sunlight and the other in shade. Ask, "Which will melt more quickly?" Place one activated stopwatch by each plate. When ice has melted completely, compare results to predictions.










WEEK 2 AT THE BEACH

LESSON 6 Crab Paths <small>MR 7 Logic & Reasoning SS 3 Geography</small>	Blocks Shells	 	Invite children to use blocks to make paths. Set out shells and pretend they are crabs. Encourage children to move the crabs along the pathways.
LESSON 7 Sandy Beaches <small>SCI 1 Investigation & Inquiry CA 4 Drama</small>	Bins Sand Water Shells Rocks Figurines Nature items	 	Set out bins with sand and water. Place shells, rocks, ocean creature figurines and other nature items in the bins.
LESSON 8 Shell Prints <small>SCI 1 Investigation & Inquiry PD 2 Fine Motor</small>	Shells or shell pasta Playdough Bin of sand	 	Set out shells, playdough and a bin of sand. Invite children to explore creating shell prints in the playdough and sand.
LESSON 9 Beach Ready <small>SCI 4 Technology SED 1 Self-Awareness</small>	Beach gear Tablet or digital camera	 	Set out a variety of beach gear: sunglasses, hats, towels, sand toys. Invite children to dress up to get ready for the beach and take a photo of each ensemble they create. Print or otherwise share the photos with the group at the end of the day.
LESSON 10 Beach Bottles <small>SCI 3 Physical Science CA 3 Visual Arts</small>	Squeeze bottles Paint Shaving cream or lotion Trays Paper (optional)		Fill clear squeeze bottles with a little paint and a texture material such as shaving cream or lotion. Set out trays for children to squeeze onto and explore creating designs. Set out paper, if desired.

WEEK 3 EXPLORING THE ISLAND

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
LESSON 11 Treasure Hunt <small>MR 7 Logic & Reasoning CA 4 Drama</small>	Boxes or containers Play coins and other treasure	 	Gather a variety of boxes or containers with lids. Place play coins and other “treasure” inside the containers then hide them. Encourage children to pretend they are pirates and try to find the treasure. If desired, make a simple map to guide them.
LESSON 12 Tall Volcanoes <small>MR 4 Measurement SED 4 Social Relationships</small>	Playdough Nature items	 	Set out playdough and various nature items. Invite children to explore ways to build volcanoes as tall as they can. Decorate the volcanoes with nature items, if desired.
LESSON 13 Building Caves <small>SCI 1 Investigation & Inquiry CA 4 Drama</small>	Boxes Shiny treasures Blocks	 	Set out different-sized boxes and place them in the block area. Encourage children to build inside the boxes. Set out sequins, jewels or other shiny treasures for children to hide.
LESSON 14 Coconut Exploration <small>SCI 4 Technology SCI 2 Natural & Earth Science</small>	Coconut Tray Tweezers Magnifying glasses	 	Set out the coconut, tray and tools. Invite children to explore the properties of the coconut. At the end of the day, demonstrate how a coconut is drained and opened. Invite children to try the coconut water and meat.
LESSON 15 Waterfall Splash <small>SCI 1 Investigation & Inquiry PD 2 Fine Motor</small>	Bin Towel Full water bottles Bucket Differently shaped items	 	Set out a bin and full water bottles on a towel. Place a bucket of differently shaped items next to the bin, e.g., rocks, spoon, blocks, cups, jewels. Encourage children to experiment with placing an item into the bin then pouring water over it. Ask, “What type of splash does it make?”

WEEK 4 ISLAND FUN

LESSON 16 Preparing a Feast <small>SCI 2 Natural & Earth Science PD 5 Nutrition</small>	Craft sticks Plates Playdough	 	Set out craft sticks, plates and playdough. Invite children to use the sticks and dough to make different food items. Arrange the food on plates for a luau feast. Discuss which foods are healthy and which are not. Set out paper and markers for children to create a party sign, if desired.
LESSON 17 Dancing Stage <small>MR 7 Logic & Reasoning CA 4 Drama</small>	Blocks Boxes Puppets or stuffed animals	 	Set out large blocks and recycled cardboard boxes. Invite children to build a stage for puppets or stuffed animals to dance.
LESSON 18 Floating Surfboards <small>MR 7 Logic & Reasoning SED 4 Social Relationships</small>	Bin of water Towel Flat buoyant objects Figurines	 	Set out a bin of water on a towel. Place a variety of objects that are flat and can float, e.g., cardboard, paper plate. Encourage children to place small items or people figurines on “surfboards” and practice balancing on water.
LESSON 19 Island Instruments <small>MR 7 Logic & Reasoning CA 1 Music</small>	Pebbles Dry pasta Beans Rice Various containers with lids	 	Set out pebbles, dry pasta, beans, rice and various containers with lids. Encourage children to mix the materials to get different sounds. Help children secure the lids after filling the containers.
LESSON 20 Before the Sun Sets <small>SCI 4 Technology PD 1 Gross Motor</small>	Bucket or bin Beanbags Timer		Set out a bucket or bin in the outdoor area. Set a pile of beanbags or small items away from the bucket. Set a timer and encourage children to pick up an item and run to drop it in the bucket. Repeat until the timer goes off and the “sun has set.” Ask, “Did you get all the items in before sunset?”

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

- ## 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.

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**Would you
like to live
on an island?**



**What do you
think makes
a boat float?**




**If you were
captain of a ship,
where would
you sail?**



**Besides sailboats,
what else can
the wind move?**



**How long does
it take to melt
an ice cube?**



**What do you think
happens when
a crab outgrows
its shell?**



**How does sand
feel when it is dry?
When it is wet?**



**Can you make
a design
with a shell?**



**What would you
like to take
to the beach?**



**How do you avoid
getting sunburnt?**



**What would you
like to find on
a treasure hunt?**



**What shape
or size
are volcanoes?**



**What could you
hide inside a cave?**




**What do you
think a coconut
tastes like?**



**Can you
create your own
waterfall?**




**Can you name
two healthy
luau foods?**




**What kind
of dance stage
can you build?**



**Where might you
see a surfer?**



**What type
of instrument
can you make?**



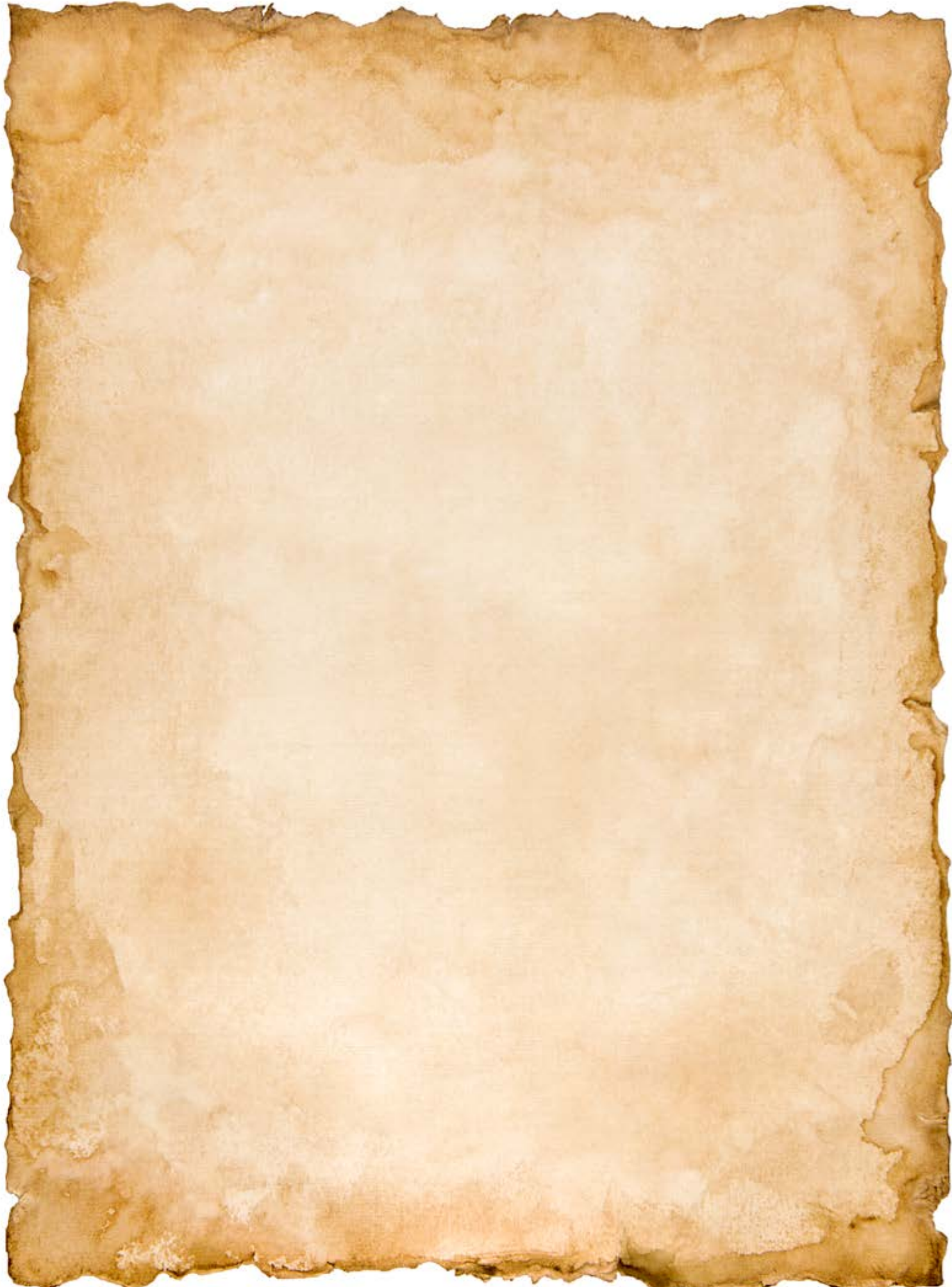
**Which do
you prefer:
sunrise or sunset?**




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Sea



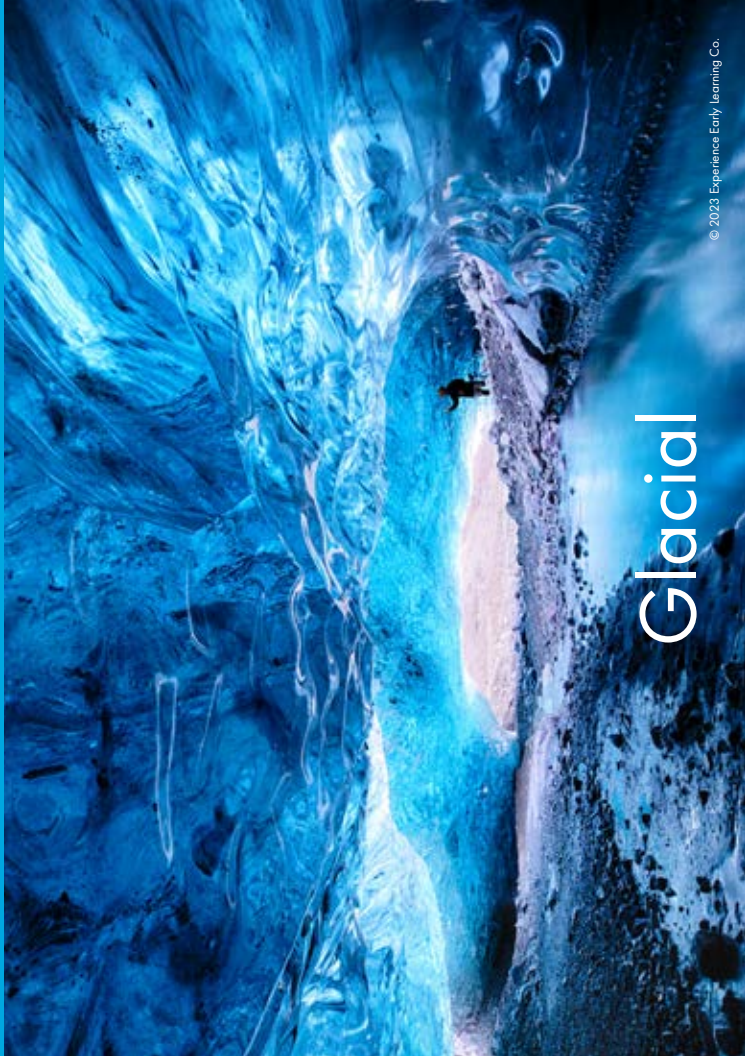
Lava Tube



CAVE TYPES



Solutional



Glacial



Block



Plunge



WATERFALL TYPES

Horsetail



Fan








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Paper



Paper Plates



Blocks



Buoyant Material



Bins



Water



Boxes



Blankets



Costumes



Treasure Maps



Sheets



Stuffed Animals



Balls



Ice Cubes



Plates



Stopwatches



Nature Items



Trays



Shells



Sand



Rocks



Figurines



Pasta



Playdough



Beach Gear



Tablets



Digital Cameras



Squeeze Bottles



Paint



Shaving Cream



Lotion



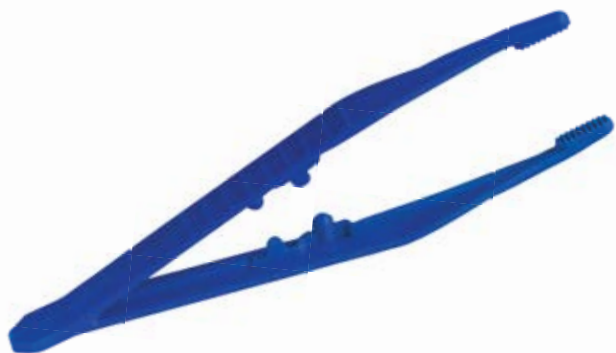
Containers



Play Treasure



Coconuts



Tweezers



Magnifying Glasses



Towels



Bottles of Water



Buckets



Differently-shaped Items



Craft Sticks



Puppets



Pebbles



Beans



Rice



Beanbags



Timers