

# THE OCEAN ESCAPE

INCLUDES 5  
DIFFERENTIATED  
CHALLENGES FOR  
TK, K, 1<sup>ST</sup> & 2<sup>ND</sup>  
GRADE

Name: \_\_\_\_\_

## BUILD A BOAT THAT FLOATS!

**Challenge 4**

**Challenge:** Your challenge is to build a boat that floats and does not sink.

Materials: construction paper, tape, string, and anything else you like to build the boat!


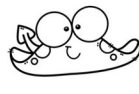
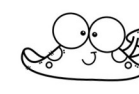
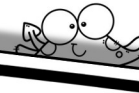


Directions: Draw a picture of your boat and label it. Write the name of your traveler.

get	kit	gum	kin
rim	dip	ran	rod
rub	lab	rib	row

Trace: d r s p

Name: \_\_\_\_\_

Graph the data in the chart below. Draw tally marks to match.

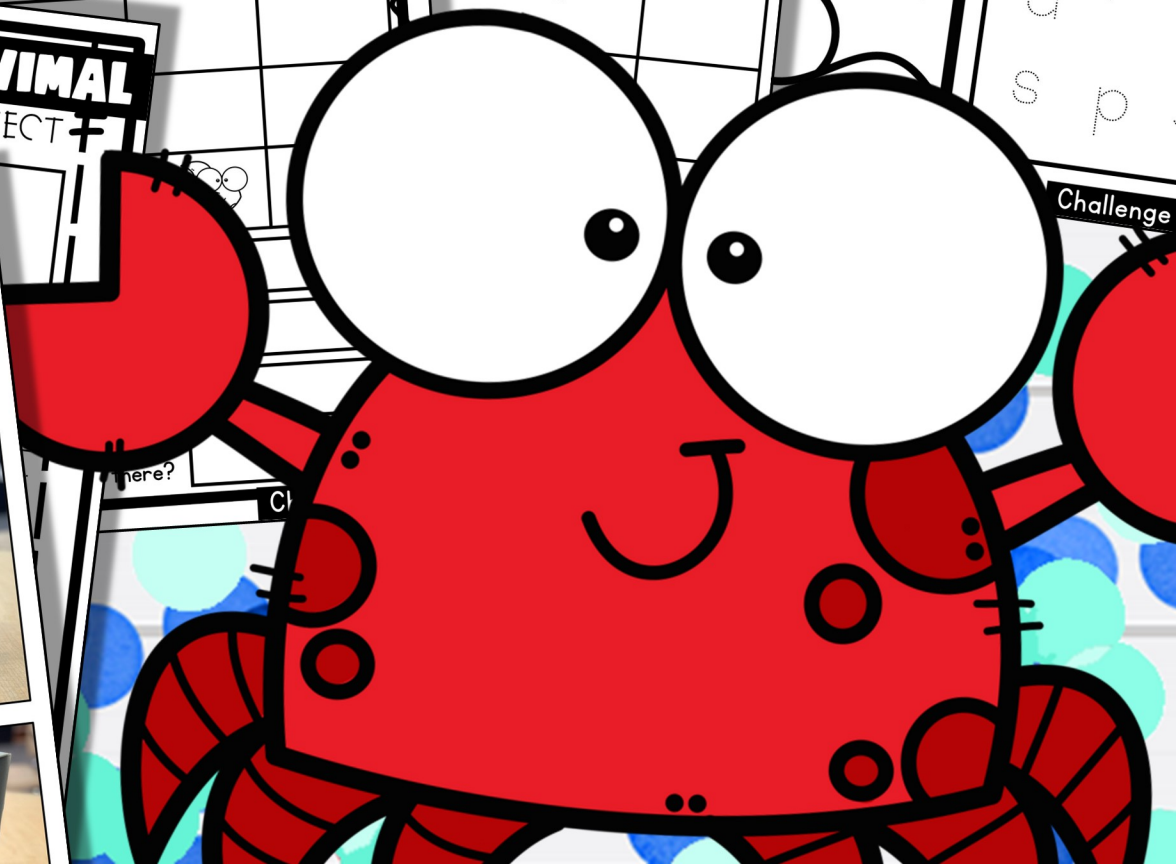
Name: \_\_\_\_\_

Directions: Research an ocean animal. Write down an interesting fact about your ocean animal. Draw a picture to match your writing.

## OCEAN ANIMAL RESEARCH PROJECT

## CREATE A DIORAMA

Create a habitat using materials from home or class.  
Ocean themed diorama examples below!





Students work to move their pieces across the game board by completing 5 challenges (ELA, Writing, Math, STEM, and a diorama) and 2 checkpoints. The activities are differentiated to meet the needs of your classroom.









# INSTRUCTIONS & MATERIALS

## INSTRUCTIONS

### Objective:

Students work to complete the game board by completing 5 challenges and 2 checkpoint challenges. The activities are differentiated to meet the needs of your classroom.

	Transition Kindergarten		First Grade
	Kindergarten		Second Grade

### Checkpoint challenges:

A checkpoint is optional but if you complete the checkpoint you get a prize from the treasure chest and a classroom buck. You can modify this for your classroom!

- Challenge 1: ELA activity
- Challenge 2: Writing Challenge
- Checkpoint 1: Craft – directed drawing
- Challenge 3: Math activity
- Challenge 4: STEM challenge
- Checkpoint 2: Craft – directed drawing
- Challenge 5: Diorama

We spent about 45 minutes a day working on this project. This could easily be a class project! We displayed all of the art on the walls and displayed the dioramas in class under the microscope.



## CHECKPOINTS



For each checkpoint I had the students do a directed drawing of an Ocean Animal. They LOVED this activity!

Click on the picture for my favorite directed drawing youtube channel! They have several ocean themed directed drawings that the students did in our classroom!



## IN ACTION PICTURES



## ORGANIZING IT ALL

I used a hanging file folder with each challenge, checkpoint, and answer key inside. I put the different shape groups on the front (as shown). When a student needed another challenge, I would either help them pull the next activity or let them grab their next challenge.

At the very back of the file box, I had an empty hanging file for 'completed work'. I organized all the work at the end of the day. The artwork was matted and hung in the classroom, the research projects were bound into a book, the boats and dioramas were displayed, and the rest of the work was put in portfolios. This system worked VERY well!



## BOATS IN ACTION





# CHALLENGE 1 (ELA)



TRANSITION KINDERCARTEN

Color the letters according to the color code.

A F A F A F A

Name: \_\_\_\_\_

Color the letters according to the color code.

T T T T T T T

B B C C B B

B C C B B B B

B B B B B B B

A F A F A F A

Name: \_\_\_\_\_

Color the words according to the beginning sound.

C B T F A

Trace: C B T F A



KINDERGARTEN

Color the words according to the beginning sound.

get kit gum kin

rim ran rod

dog dip rub

rap dig dab rib

day dew run

rug red dam

dub rum dim dug rig row

pat sad pod set

Name: \_\_\_\_\_

Color the words according to the beginning sound.

d r g s k p

Trace: d r g s k p

# CHALLENGE 2 (WRITING)



TRANSITION KINDERCARTEN

OCEAN ANIMAL RESEARCH PROJECT

Name: \_\_\_\_\_

Structure: Research an ocean animal. Write down a sentence about your ocean animal and draw a picture to match your writing.

My favorite ocean animal is a \_\_\_\_\_



KINDERGARTEN

OCEAN ANIMAL RESEARCH PROJECT

Name: \_\_\_\_\_

Structure: Research an ocean animal. Write down an interesting fact about your ocean animal. Draw a picture to match your writing.

A GOOD WRITER

1. Starts a sentence with a capital letter.  
I like to go to the zoo.

2. Puts finger spaces between words.

OCEAN ANIMAL RESEARCH PROJECT

Name: \_\_\_\_\_

Structure: Research an ocean animal. Write down 3 interesting facts. Draw a picture to match your writing.

My topic: \_\_\_\_\_

Topic sentence: \_\_\_\_\_

Fact #1: \_\_\_\_\_

Fact #2: \_\_\_\_\_

Fact #3: \_\_\_\_\_

OCEAN ANIMAL RESEARCH PROJECT

Name: \_\_\_\_\_

Structure: Research an ocean animal. Write down 3 interesting facts. Draw a picture to match your writing.

My topic: \_\_\_\_\_

Topic sentence: \_\_\_\_\_

Fact #1: \_\_\_\_\_

Fact #2: \_\_\_\_\_

Fact #3: \_\_\_\_\_



FIRST GRADE



SECOND GRADE



FIRST GRADE



SECOND GRADE

# CHALLENGE 3 (MATH)



TRANSITION KINDERCARTEN

Graph the data in the chart below and answer the questions.

Name: \_\_\_\_\_

How many jellyfish are there? \_\_\_\_\_

How many crabs are there? \_\_\_\_\_

How many starfish are there? \_\_\_\_\_



KINDERGARTEN

Graph the data in the chart below. Draw tally marks to match.

Name: \_\_\_\_\_

How many jellyfish are there? \_\_\_\_\_

How many crabs are there? \_\_\_\_\_

How many starfish are there? \_\_\_\_\_

Graph the data in the chart below. Answer the questions.

Name: \_\_\_\_\_

How many jellyfish and crabs are there combined? \_\_\_\_\_

Which ocean animal did you find the most of? \_\_\_\_\_

Which ocean animal did you find the fewest of? \_\_\_\_\_

Graph the data in the chart below. Answer the questions.

Name: \_\_\_\_\_

How many ocean animals are there in total? \_\_\_\_\_

How many more jellyfish are there than crabs? \_\_\_\_\_

How many more starfish are there than crabs? \_\_\_\_\_



FIRST GRADE



SECOND GRADE

# CHALLENGE 4 (STEM)

DESIGN YOUR BOAT

Draw a picture of your boat.

BRAINSTORM BOATS

Research 4 different types of boats.

Boat #1: \_\_\_\_\_

Boat #2: \_\_\_\_\_

Boat #3: \_\_\_\_\_

BRAINSTORM BRAINSTORM

Watch these 3 videos.

Float a boat!

BUILD A BOAT THAT FLOATS!

Challenge: Your challenge is to build a boat that floats and holds your traveler without sinking.

Materials: Twigs, small sticks, hot glue gun, rubber bands, construction paper, tape, aluminum foil, scissors, and any other materials you'd like to build the boat.

BRAINSTORM	DESIGN	COLLABORATE	BUILD	TEST/EVALUATE
Students use the brainstorming sheet to investigate different kinds of boats.	Design a boat that will float and carry your traveler.	Show your design with a classmate and get their feedback. Have them sign off on your design and make notes on their feedback on the back of your "Design Your Boat" page.	Students use the design sheet they made as a blueprint to build their boat.	Students test their rafts to see if their plans worked!

# CHALLENGE 5 (DIORAMA)

CREATE A DIORAMA

Create a habitat using materials from home or class.

Ocean-themed diorama examples below!