

Week 2 Schedule: The Island



Complete the following tasks each morning. Estimated time to complete 1.5 hrs.

<u>Monday</u> June 15	<u>Tuesday</u> June 16	<u>Wednesday</u> June 17	<u>Thursday</u> June 18
Start-Up Teacher Check-in <input type="checkbox"/> Tasks 1-8 <input type="checkbox"/> Do the Math	Main Compound <input type="checkbox"/> Tasks 9-11 <input type="checkbox"/> Do the Math	Tell Your Story <input type="checkbox"/> Task 12 (7 pgs)	Tell Your Story <input type="checkbox"/> Task 13-14 <input type="checkbox"/> Do the Math <input type="checkbox"/> Google Meeting: Share a dinosaur or journal writing

Join our Summer Program Google Classroom using Join Code in your OSD Google Acct.: **3lsaes3**



PROJECT BASED LEARNING
THREE MILLION YEARS IN THE MAKING.

THE ISLAND

CREATE YOUR ADVENTURE

Objective: I will be able to write journal entries that tell a story.

Assessment:

- Send a picture of completed journal entry (at least 3) to your teacher (text or email)
- Explain your project during your Monday phone call with your teacher
- Share what you did with your classmates during Thursday's Google Meeting

Monday



START-UP

BEFORE WE BEGIN

FOR THE STUDENTS

Students,

You will be participating in a long-form project that will use a combination of reading, writing, and math skills along with geography, scientific studies, and research.

This project/activity will be different for each one of you as you move through it. You will be asked to use your creativity and imagination on a regular basis while also incorporating learned skills from the classroom.

So what is this? Think of this project as a form of “creating your own adventure” mixed with specific requirements along the way (which include math, writing, and problem solving). This project is intended to be very open-ended allowing for you to make decisions and create a story based on your imagination and genius.

This project will be filled with tasks (or requirements) that you will be asked to complete as you work towards completion. As you do so you will be asked to create, imagine, and build an extravagant story by the time you have finished this project.

Task ONE

Every adventurer needs a journal/diary.

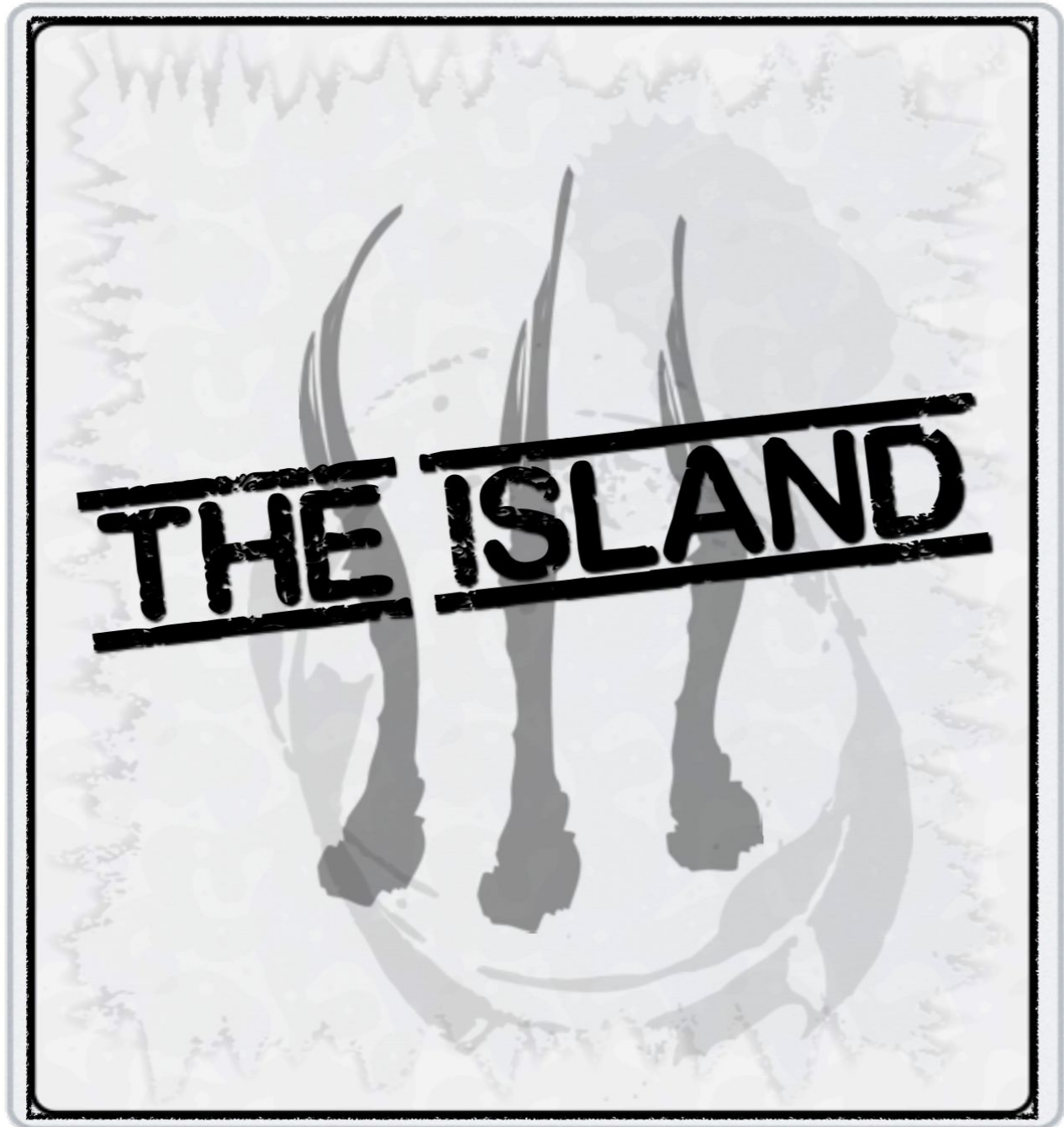
This will be the cover to your own personal journal. Take time to decorate, design, or create a simple cover of your choosing.

There is this version with the compass in the corner.

OR

You may choose a blank version.

**Remember to add your name somewhere on the cover.



Task ONE

THE COVER

Every adventurer needs a journal/diary.

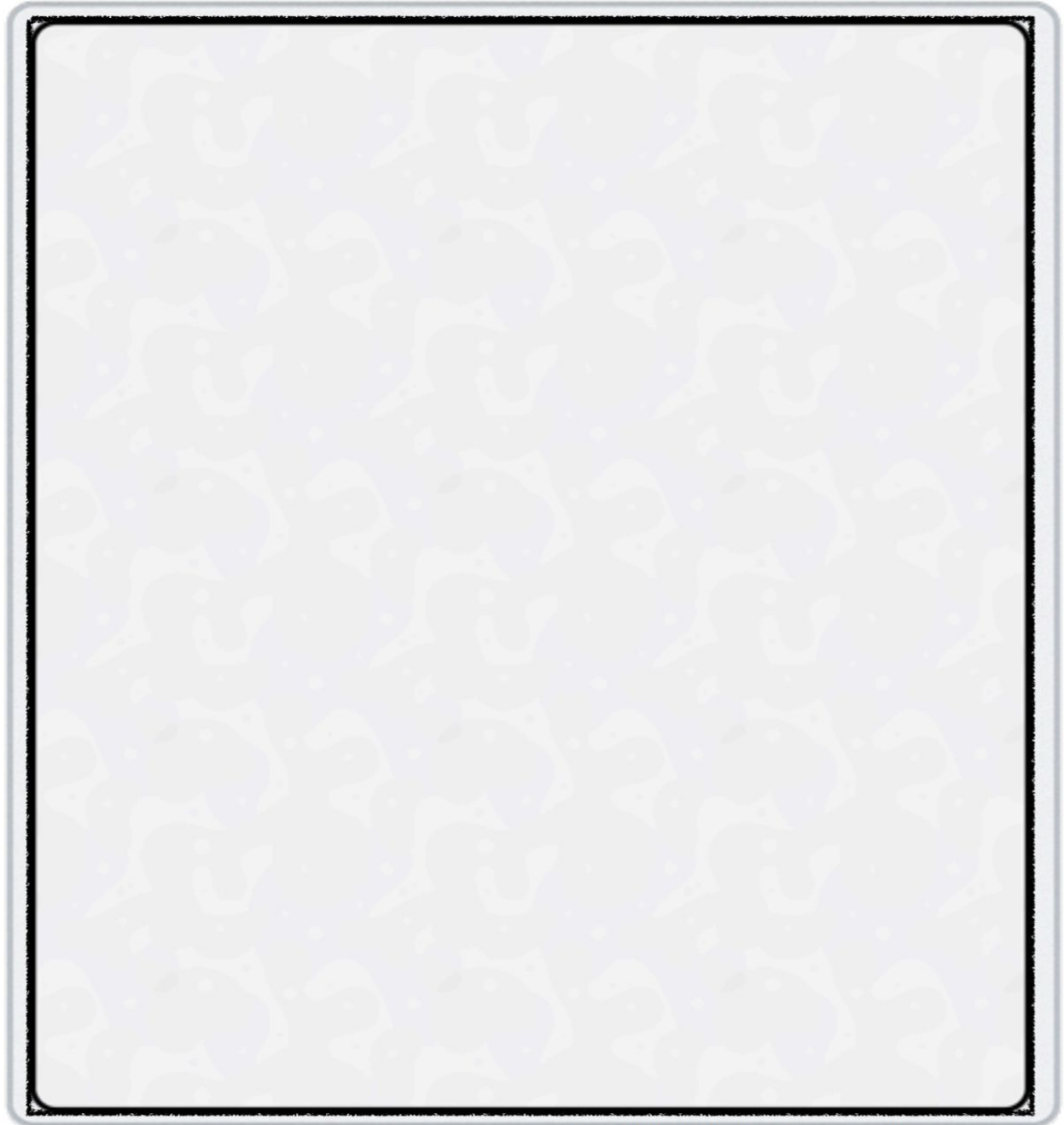
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EYES ONLY. NO COPIES ALLOWED. NAMES HAVE BEEN REDACTED.

TOP SECRET

Property of the Government

This Paper Property of the Government

TOP SECRET

25 years ago a group of scientists and billionaires tried to recreate the Prehistoric/Dinosaur Age on an island in the Pacific. Their goal was to bring dinosaurs back from extinction and create a place where humans could see them ~~and even interact with them.~~

After years of work and millions of dollars spent, all the scientists left the project ~~many actually disappeared.~~ The billionaires have quietly continued to fund this project, but they've run into some issues. Many of the issues they've dealt with were solved with large sums of money paid out to family ~~members of those that~~ were working on the island.

These billionaires have not been to the island in over three years and are looking to see what kind of shape the park/island is in. ~~They won't go there themselves because they think it might be too dangerous.~~ They are looking for someone to make the trip to the island, record any information, and find out about the dinosaurs.

Currently no individuals have been authorized to make the trip to the island, but there have been rumors of a small group that will make the attempt. ~~Individuals that make this trip don't realize it is probably a one-way ticket.~~ The billionaires have offered a large amount of money (in the millions) for individuals that can relay information back to them.

TOP SECRET

15 years ago one of the scientists met with a ~~Special Agent Coulson~~ to update him on the dinosaurs that were currently living on the island. Species included but not limited to Triceratops, Tyrannosaurus Rex, Brontosaurus, Velociraptor, Stegosaurus, Allosaurus, Suchomimus, and Plateosaurus. As of now they have successfully bred 25 types of dinosaurs. There were also rumors that scientists were working on breeding a smilodon (saber-tooth tiger), the giant sloth, mammoths, entelodon (giant pigs), and the giant short-faced bear (it could grow to be almost 14 feet tall).

This island/park/ should not be compared to the problems that occurred on the island in South America. That was the work of amateurs compared to this operation and financial backing. ~~Scientists and workers were/are paid a king's ransom. That "park" was deemed from the beginning says Agent Coulson~~ based on information that has been shared with him.

Based on information provided to ~~Agent Coulson~~ security began to be an issue and scientists began to worry that the animals' population was rising to quickly. ~~Eventually the humans on the island were extinct.~~ Questions still remain by many involved. Those with a financial stake still want to see results. The island itself is a mystery supposedly filled with billion dollar equipment and facilities along with prehistoric animals and dinosaurs.

Task TWO

THE FILES

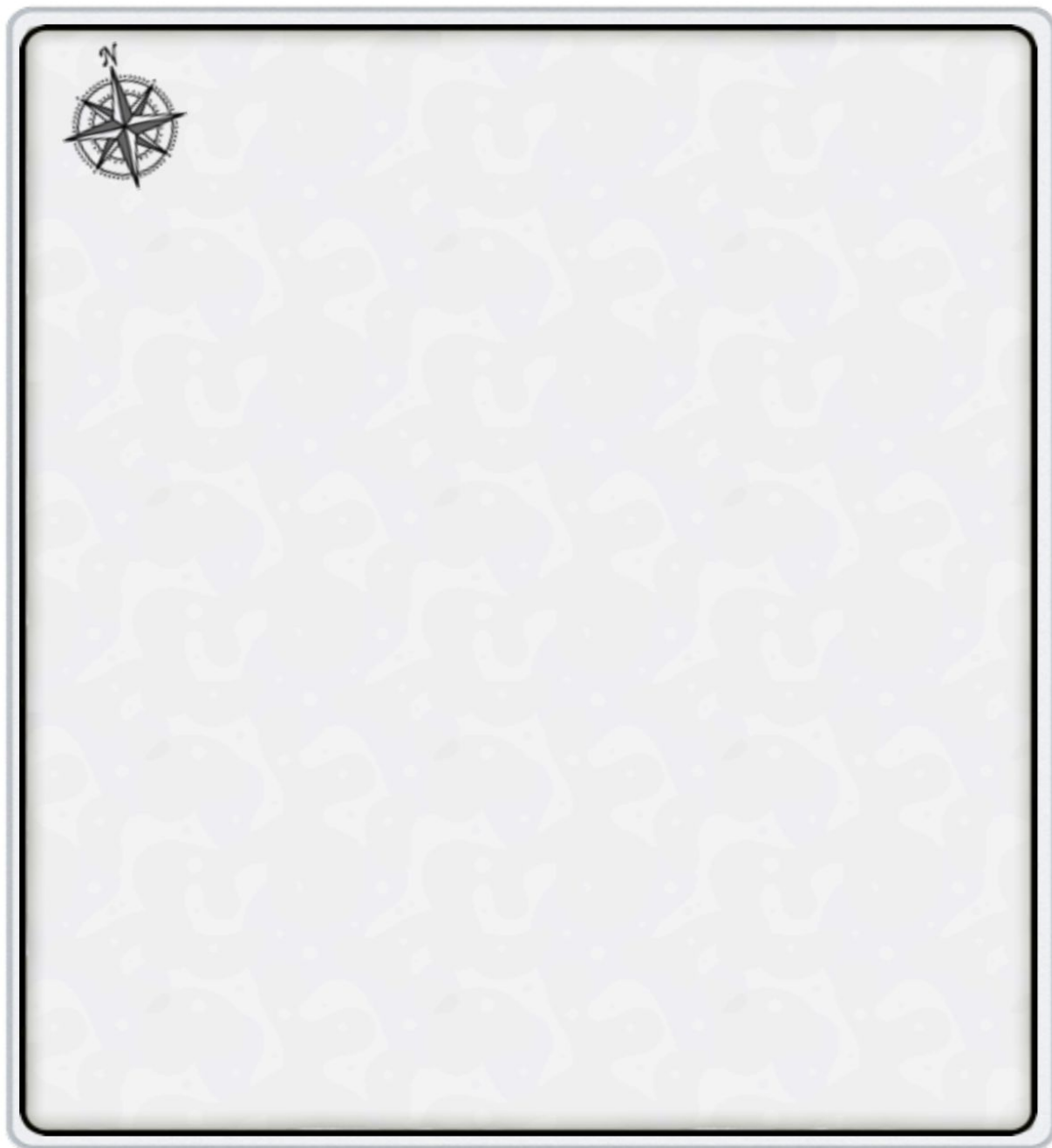
You recently received a file titled TOP SECRET. Inside were documents about an operation taking place on an island in the Pacific Ocean.

Objective:

On this journal page take notes, make predictions, and ask questions you have based on the information in those documents.

Use information gained from the government files to predict exactly what has happened at the research facility/park.

****Reminder:** Journaling can be quick notes, scribbles, and even drawings.



Official Contract

I, _____, hereby certify with PreH. Park Corporation that I am accepting their monetary offer of \$5,000,000.00 in exchange for finding and delivering information deemed critical for them to better understand what happened at one of their “facilities”.

I, _____, have waived any legal rights in the case that I, or my group, is harmed during travel and/or during the duration of this mission. This includes any accidents both in mechanical and/or animalistic nature. In the case of any accidents PreH. Park Corp. will pay for all medical bills, insurance, and compensate families appropriately without retribution from those affected.

I, _____, cannot share the details of this mission to anyone outside of the individuals involved in the head of PreH Park Corp. co-presidents. If information is shared or leaked to the public it will result in a loss of the \$5,000,000.00, which shall be paid in full after the completion of said mission.

Full Name

Date

Task THREE

THE CONTRACT

It looks like you've taken on the task of figuring out what happened on the Island. PreH Park Corp. is paying you quite a bit of money for your work.

Those rules in the contract seemed pretty intense. Complete confidentiality even if something happens to your crew.

Objective:

Write a Journal Entry based on these questions/ideas:

Why would PreH Park Corp be so concerned with a complete confidentiality is mandatory?

Does that concern you?

Do you understand every part of the contract that you've signed?



Task Four

THE ISLAND

You have just been handed a 2-3 page folder containing information about the island. These pages will be used as you begin your mission--so they are very important

Objective:

Create these pages you received.

What information did they have?

Why is the information helpful?

The files could include:

- Specific island coordinates
- Animals on the island
- Island ecosystems
- Buildings (all kinds)
- Map (size, location)
- Resources on the island
- Emails from scientists
- Photos
- Incident Reports

ISLAND INFORMATION



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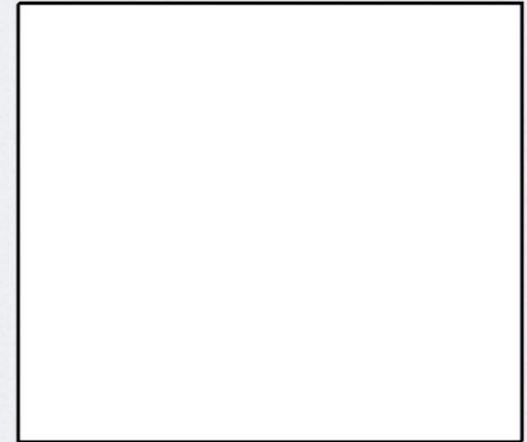
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ISLAND INFORMATION

Task FIVE

THE TEAM

This is not a one-person mission. You need a team. THREE other highly skilled individuals. Think about what type of team members you would need. Why are they important?

Ideas: Computer hacker, Navy Seal, Fellow Scientist, Driver.

Based on what you've read (and what you're imagining) who would help you the best? Think of movies or shows that utilize teams.

Objective:

On this sheet write the names and occupations of team members for this mission.

You must include:

- *full name
- *nickname
- *specialized job
- *where they live
- *picture of them (face only)

THE TEAM

name:

age:

skill:

Background Info:

photo

strengths:

weakness:



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- *where they live
- *picture of them (face only)

THE TEAM

name: **ME**

age:

skill:

Background Info:

photo

strengths:

weakness:



Task SIX

SUPPLIES

Every mission needs supplies. Don't just think about food. Include technology, utilities, survival gear, and more.

PreH Park Corp. will handle the expenses, money is no problem.

Objective:

Create a list of supplies you and your team will need. Include their price and estimate costs based on your prior knowledge of materials and supplies.

Include:

- Item
- Number of each item
- Price
- Total for Each item (if more than one)
- Supply List Final Total

SUPPLY LIST

Item	Number	Price	Total

Final Total



Task SEVEN

TRAVEL ITINERARY

The most important part of a mission is getting there. You've got to figure out how you plan to travel to your destination.

Objective:

Create a travel itinerary.

Will you take a plane, boat, or helicopter?

If you have loads of supplies to bring, what will be the best way to travel?

How long will the travel take?

Are you planning on bringing items back? Will that affect how you travel?

Use these questions to create your itinerary.

Include:

- Cost
- Time
- Resources needed

ITINERARY

Type of Travel		Cost	Total
Travelers	1		
	2		
	3		
	4		
	5		

Time/Days	
Extra Resources Needed	

Return Trip	
-------------	--

Task EIGHT

TRIP SCHEDULE

Every mission has a time frame. Some last a couple of minutes while other can last a month.

Objective:

Create a time frame for this mission.

Visualize what your team will do, obstacles you may face, and experiences you will have.

This doesn't mean there couldn't be problems that arise, but every mission has a schedule.

Include:

- Specific Dates
- Locations you hope to arrive at.
- What you plan to do at each spot.



Trip Schedule



Day One:

Day Two:

Day Three:

Day Four:



DO THE MATH

Your team stumbles across some interesting information regarding the dinosaurs.

Objective:

Solve the problem below.

The T-rex eats 2 goats per day. At one point the island had three T-rex's. Using that logic of three dinosaurs answer the questions below...

- *How many goats were being eaten per day?
- *How many are eaten per week?
- *How many would be eaten in the month of May?



DO THE MATH



Tuesday

At the Main Compound



Task NINE

ISLAND MAP

This mission requires a map of the island. Otherwise, how would you get around?

Objective:

Draw a map of the island with details and locations.

Include a legend/key in you map.

Include:

-Island Name

-Scale for distance

(example: 1 inch=300 yards).

-5 important locations

(labs, buildings, pens, fields, cages--you decide)

-Compass Rose

-Geography

(landforms, water, habitats, roads)



Task NINE

ISLAND MAP

This mission requires a map of the island. Otherwise, how would you get around?

Objective:

Use this page as your legend/
key

OR

Continue your map on this
page.

The decision is up to you.



Task TEN

DINOSAUR PENS

On the island there are pens and cages everywhere. Some huge and some are small. Draw a diagram of one.

Objective:

Sketch a diagram of a pen.


Include text features that support your drawing such as labels, text boxes, headings, and other important features

Include your own personal notes about this cage.

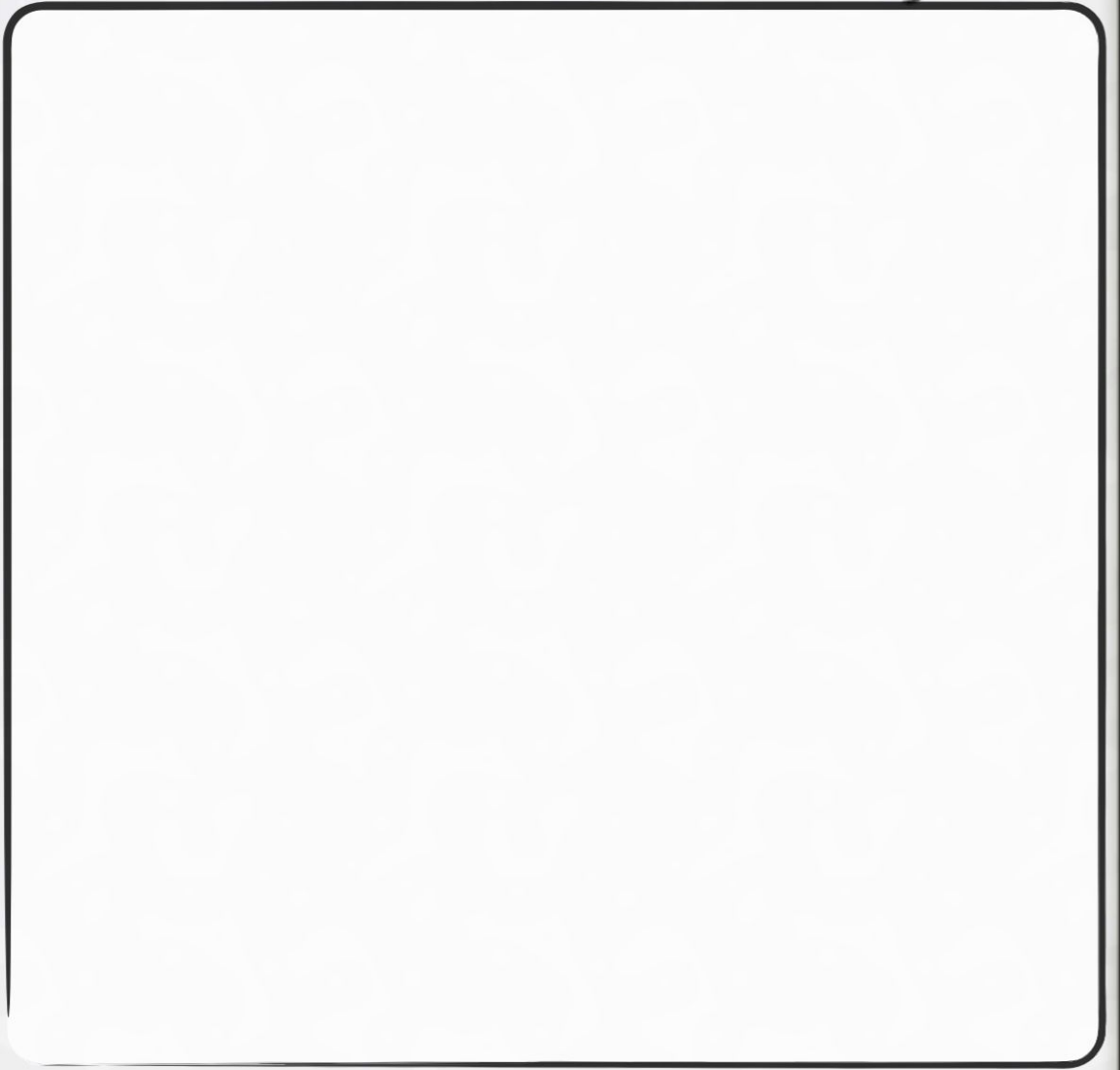

Why it is important?

What does it mean?

What are the implications?



DINOSAUR PENS



Task ELEVEN

MAIN COMPOUND

This location includes work buildings, laboratories, and housing for all involved.

Objective:

Draw an overhead illustration (arial view) of the main compound.

Include building names, roads, and other compound details.

Use text features to support your illustration (heading, labels, map, diagram).

HELPFUL HINT: If you think your map will be too large use a full piece of paper, cardboard paper, or even a paper bag.

MAIN COMPOUND

DO THE MATH

Your team stumbles across some interesting information about the dinosaurs.

Objective:

Solve the problem below.


Velociraptors normally hunt in packs. Three raptors chase a deer 525 yards and catch it.



How many total yards did the group run all together?

How many total feet did they run all together?

How many total miles did they run all together?



 **DO THE MATH**



DO THE MATH

Your team stumbles across some interesting information about the dinosaurs.

Objective:

Solve the problem below.

Seven large leaf-eating dinosaurs would eat 80 pounds of plants per day.

Six small leaf-eaters would only eat around 35 pounds per day.

How many pounds were eaten per day by all 13 of these dinosaurs?

How many pounds would be eaten in a one week span?



DO THE MATH



DO THE MATH

Your team stumbles across some interesting information about the dinosaurs.

Objective:

Solve the problem below.

Based on documents you found there were almost 125 dinosaurs being housed on the island that weighed at least 1,000 pounds.

55 weighed 1,000 pounds.

20 weighed 1 ton.

15 weighed 4 tons.

15 weighed 10 tons.

10 weighed 15 tons.

10 weighed 25 tons.



How many total pounds is this?

How many total tons is this?

Remember:

1 ton=2,000 pounds



DO THE MATH





Wednesday

Tell Your Story

Task TWELVE

JOURNAL ENTRIES

Your writing holds the key to this adventure. Over the course of the mission many unexplained and fantastic events took place.

Objective:

Write a journal entry using the topic below:

Setting foot on the island the first time

-Use 8 (eight) adjectives to describe how you are feeling/thinking about the adventure ahead of you.

JOURNAL ENTRY Setting foot on the island

Task TWELVE

JOURNAL ENTRIES

Your writing holds the key to this adventure. Over the course of the mission many unexplained and fantastic events took place.

Objective:

Write a journal entry using the topic below:

**This wasn't
an accident.**

-Use every single letter of the alphabet at the beginning of a word in your entry.

Example: apple, bats, creature, danger, exotic

This doesn't have to be in order (but you could try). Mark off each letter at the bottom once it is used.

JOURNAL ENTRY

This wasn't an accident.

a b c d e f g h i j k l m n o p q r s t u v w x y z

Task TWELVE

JOURNAL ENTRIES

Your writing holds the key to this adventure. Over the course of the mission many unexplained and fantastic events took place.

Objective:

Write a journal entry using the topic below:

A Surprise discovery.

-Use only dialogue. No other types of sentences.

**Think about including your crew members to assist with dialogue.

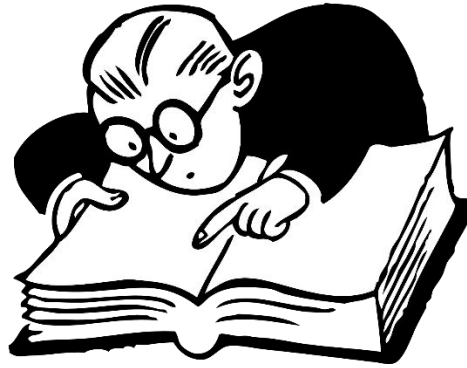
“Remember the quotation marks,” said the instructions.

JOURNAL ENTRY

A surprise discovery



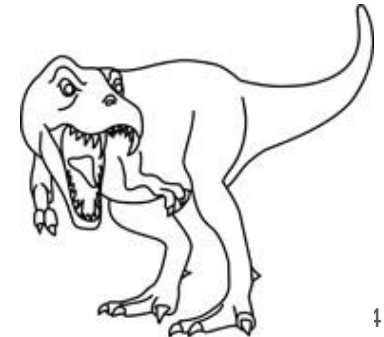
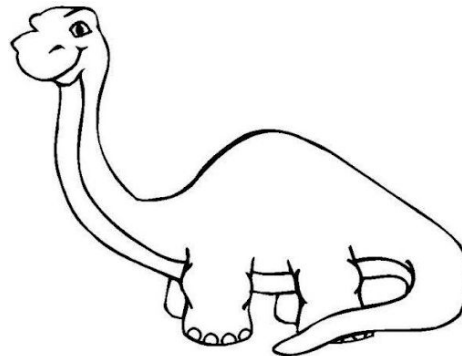
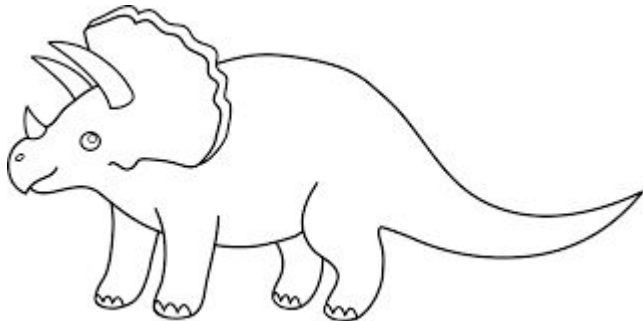
A large rectangular area with horizontal lines for writing. In the top left corner, there are three small circular icons: a magnifying glass, a gear, and a compass. The background of the writing area features a faint, stylized illustration of a hand holding a magnifying glass over a map or document.



Thursday

Do your research!


There are 4 pages of information provided, but feel free to conduct your own research on other dinosaurs.



TYRANNOSAURUS REX

Tyrannosaurus rex — T. rex for short — lived during the upper Cretaceous Period, 67 million to 65 million years ago, toward the end of the Mesozoic Era.

Tyrannosaurus rex means "king of the tyrant lizards"

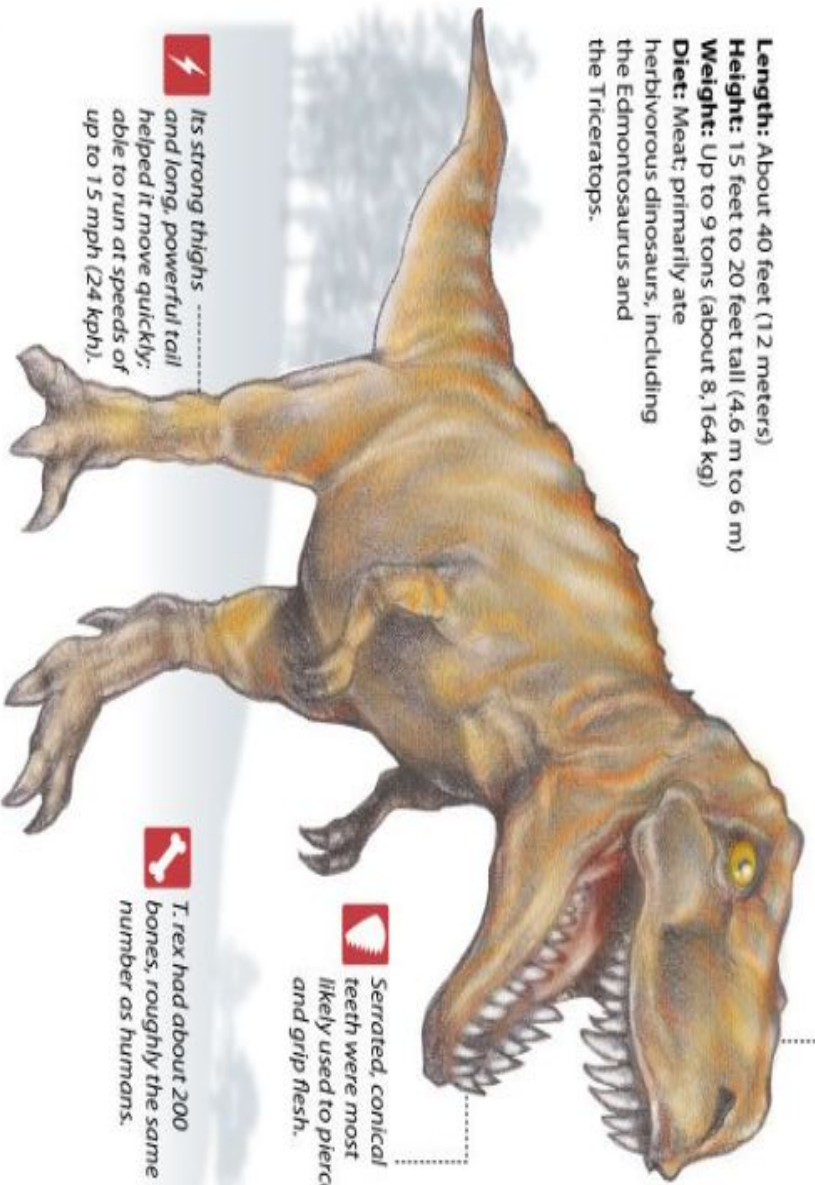
 T. rex had a massive 5-foot-long (1.5 meters) thick skull and its 4-foot-long (1.2 meters) jaw could easily crush bones.


Length: About 40 feet (12 meters)


Height: 15 feet to 20 feet tall (4.6 m to 6 m)


Weight: Up to 9 tons (about 8,164 kg)

Diet: Meat; primarily ate herbivorous dinosaurs, including the Edmontosaurus and the Triceratops.



 Serrated, conical teeth were most likely used to pierce and grip flesh.

 T. rex had about 200 bones, roughly the same number as humans.

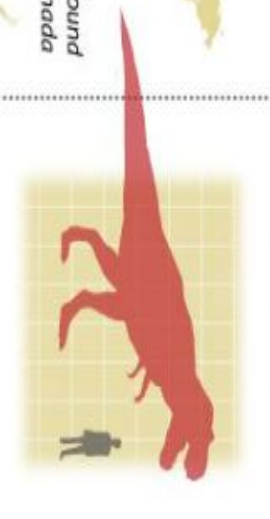
 Its strong thighs and long, powerful tail helped it move quickly; able to run at speeds of up to 15 mph (24 kph).

SIGNIFICANT FINDS



Fossils of different Tyrannosaurus species have been found in Montana, Texas, Utah and Wyoming, as well as Canada (Alberta and Saskatchewan) and Mongolia in Asia.

SIZE COMPARISON



Stegosaurus

(STEG-o-SAWR-us)

Meaning: 'Roofed Lizard'

Length: 9 meters long (30 feet)

Height: 4 meters tall (14 feet)

Weight: 2 Tons (about as much as an average American car)

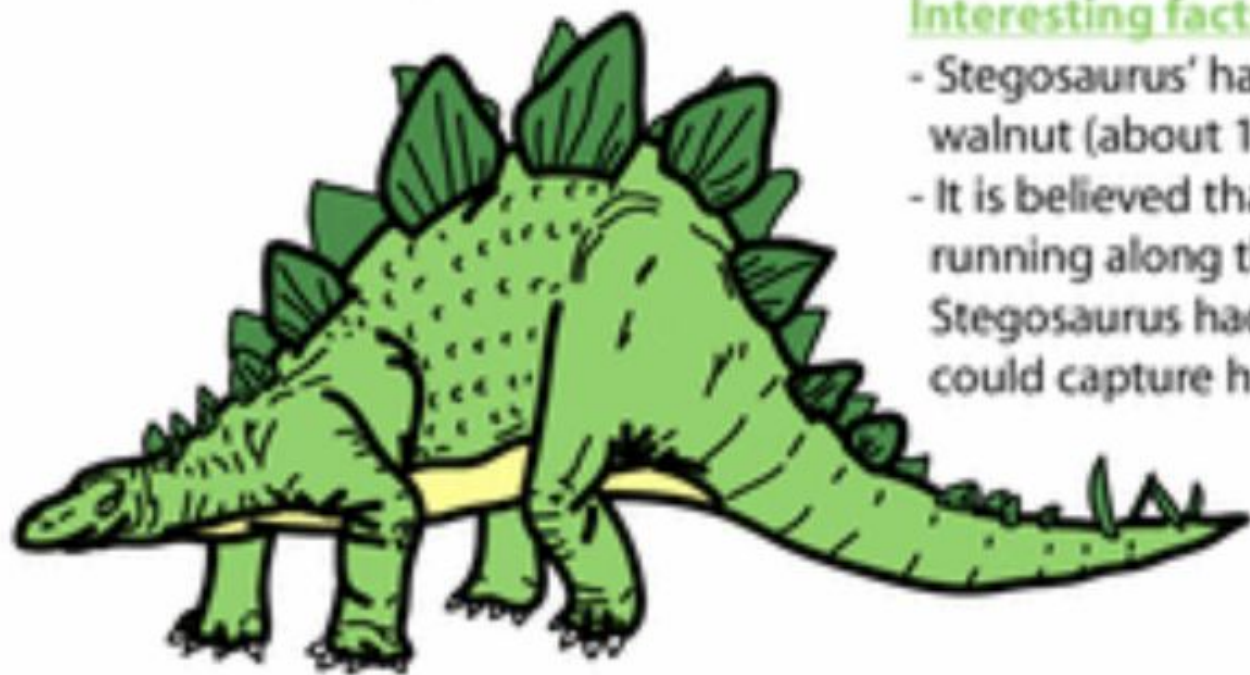
Diet: Plant eater (Herbivore)

Period: 150 Million Years ago
(Late Jurassic Period)

Defense: A strong tail with two pairs of pointed spikes.

Interesting facts:

- Stegosaurus' had a brain the size of a walnut (about 1 inch long!)
- It is believed that the bony plates running along the spine of the Stegosaurus had blood vessels that could capture heat from the sun.



NAME: Brontosaurus

MEANING: Thunder Lizard

PRONUNCIATION:
Bron-toe-sore-us

TIME: Late Jurassic

LENGTH: 23 metres

WEIGHT: 20 - 30 tonnes

YEAR NAMED: 1879

FOSSILS FOUND: America



NAME: Diplodocus

MEANING: Double Beam

PRONUNCIATION:
Di-ploh-de-kus

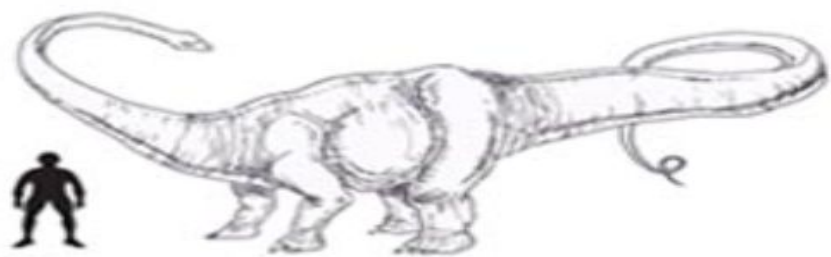
TIME: Late Jurassic

LENGTH: 27 metres

WEIGHT: 10 - 20 tonnes

YEAR NAMED: 1878

FOSSILS FOUND: America



Name: Tyrannosaurus
Location: United States, Mexico,
Canada
Subject: Tyrannosauridae
Period: End-Cretaceous
Diet: Ceratopsia and hadrosaur
dinosaur
Size: 32.5 x 8.2 x 14.8 cm



Name: Velocisaurus
Location: Mongolia
Subject: Dromaeosauridae
Period: Campanian Stage of the
Cretaceous
Diet: Meats
Size: 22.3 x 8 x 12.5 cm

Task THIRTEEN

THE LIST

Upon arriving in the science laboratory you find a complete list of all the dinosaurs on the island.

Objective:

Pick 4 Dinosaurs and/or Prehistoric Animals you would like to research.

Fill out the following information in your journal.

- name (scientific name)
- size and weight
- period lived
- diet
- enemies
- interesting fact
- include a sketch.



THE LIST

Size	NAME
Weight	
Diet	
Enemies	
Interesting Fact	
	illustration

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THE LIST

NAME

Size

Weight

Diet

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Interesting Fact

illustration

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THE LIST

Size	NAME
Weight	
Diet	
Enemies	
Interesting Fact	
	illustration

Task FOURTEEN

A DISCOVERY

No adventure is complete without a major discovery.

- What did you discover that could impact this entire adventure?
- Did you find something so amazing it has to be shared?


Your Objective:

Write this journal entry using a technique called “caveman note taking”.


Use the questions above to help guide your thinking.

CAVEMAN WRITING is a combination of quick notes and drawings that tell a story.





A DISCOVERY



A DISCOVERY

DO THE MATH

Your team stumbles across some interesting information about the dinosaurs.

Objective:

Before the park went silent the T-rex stayed in a pen that was 300,000 square yards in size. This pen was not a square, it had eight sides as it's perimeter.

Draw the T-rex pen using eight sides with an area of 300,000 square yards.

Include the perimeter length of each side of the pen (in yards).



REMEMBER:

Area: space inside.

Perimeter: length around.

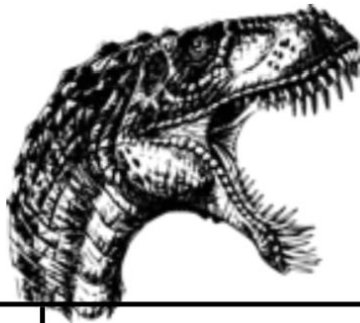
DO THE MATH





Looking to continue the adventure???

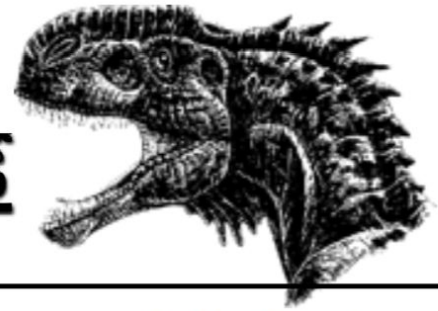
The next two pages contain additional ideas to continue building your adventure should you choose.



THE ISLAND

CREATE YOUR ADVENTURE

EXTENSION ACTIVITIES



1	Story Form: Write all of this as a single action/adventure story. Use all the details, characters, settings, and action to write a story you'll never forget.
2	Create a Diorama: Based on any TASK or scene from your project. Think about all the important locations (pens, science lab, jungle, etc), writing prompts, and more. What part did you like the most? Make it come alive.
3	Movie Poster: Design a movie poster based on your island.
4	Cast It: Pick the movie stars that would play each role in this story. Include pictures and reasons why you would chose who you did.
5	Design a Book Jacket: Your story is being made into a book! Design a cover, back page, and more. Look at various book jackets for ideas.
6	Make a Model: Create a model of one of the dinosaurs/prehistoric animals on your island. Use any type of material to complete it.
7	Collage: Use magazine, newspapers, and more to make a collage based on your island.
8	Travel Brochure: What would PreH. Park be like if they accomplished all of their goals? Create a travel brochure that would bring visitors to the island.



THE ISLAND

CREATE YOUR ADVENTURE

EXTENSION ACTIVITIES

TECHNOLOGY



1	Minecraft: Recreate your island in Minecraft and share it with the class. Then allow visitors from other classes to come and take a virtual tour.
2	Virtual Poster: Use Glogster (or other sites/programs) to create a virtual movie poster for your project.
3	iMovie Trailers (on the iPad): Create a movie trailer for your project!
4	Audio Book: Record your writing samples.
5	Radio Theater: Create a recording using your writing, voice, and homemade sound effects just like they use to do on the radio.
6	Digital Slideshow: Using sites such as Prezi or programs like powerpoint, create a slideshow to showcase information about your project.
7	Use ThingLink (computer and mobile device) to make your map interactive. Students will have to upload a photo and then they can annotate it with images, phrases, video, and much more content to make the image come alive.
8	Animoto: Make a short film on your project. Include images from around the web that would correlate with what you've created/imagined.