

Build Your Own
RESORT
a PBL Project



You've been selected to design a resort from the ground up, and the land is FREE! This is the opportunity of a lifetime! You will work through everything from the name, location, activities/amenities, and overall design. Create a resort that will get the people talking and bring in the big bucks! We are excited to see what you come up with!

On the next few pages you will find a rubric with project expectations, a suggested timeline, templates, and planning pages. You may use the templates and planning, but it is not required. Your finished project/product will include a Zoom presentation that you will sign up for. Your project should be complete and ready to present by Monday, May 18th.

Table of Contents:

Pages 3-6: Rubrics and Timeline

Pages 6-11: Optional Templates and Planning Pages



PROJECT RUBRIC

This project takes elements of math, writing, science, ELA, social studies, and technology and combines them with student imagination and creativity as they work through designing their very own resort. Keep in mind that students can create a hard copy or a digital version of all project components. We are excited to see their creations!

Content Area	Project Points
Math	40 points
ELA + Writing	20 points
Science	20 points
Organization and Appearance The model is well organized and well designed. The model is colorful and "construction" is representative of the student's personal best work	10 points
Presentation	5 points
Participation throughout Project	5 points

The next few pages will include checklists for each subject area that will help you plan and stay on track. Please reach out to the content area teacher if you have questions about a specific portion.

MATH RUBRIC

Task/ Concept	Description of Requirements	Check when complete
Perimeter & Area	<p>Include the dimensions of your total model (length and width. This can be exact or approximate. (2 points)</p> <p>Include the perimeter and area of your model. (2 points)</p>	
Lines	<p>At least one set of perpendicular, parallel, and intersecting lines are included and labeled (2 points each)</p> <p>(Hint/Idea: You could use these lines as your roads.)</p>	
Angles	<p>At least one right, acute, and obtuse angle is included and labeled. (2 points each)</p> <p>(Hint/Idea: This can also be found within the creation of your roads.)</p>	
Shapes	<p>At least one of each of the following shapes: Pentagon, hexagon, heptagon, octagon, nonagon, decagon, trapezoid, parallelogram, rhombus, rectangle, square, equilateral triangle, scalene triangle, right triangle, and isosceles triangle. (1 point each)</p> <p>(Hint/Idea: This could be included in the shapes of your buildings, street signs, or landscapes.)</p>	
Coordinate Planes	<p>Create a grid on the perimeter of your model. This can be an approximation, or you can use a ruler to be exact. You can use whole numbers and/or fractional units. Identify 4 structures using the coordinates you created (2 points each)</p> <p>(Example: Fudge Fountain = (5, 2)</p>	

SCIENCE RUBRIC

Description of Requirements	Check when complete
<p>Research biomes using any (or all) of the links below. Once you've researched your biomes, select a biome to house your resort. Here are approved biomes that you may choose from: tropical rainforest, tropical dry forest, tropical savanna, desert, temperate grassland, temperate woodland and shrubland, temperate forest, northwestern coniferous forest, boreal forest, and tundra.</p> <p>If you'd like to select a different biome, please reach out to Mrs. Hembree for approval. (5 points)</p>	
<p>Create a list of five plants (trees, flowers, bushes) that would thrive in your biome. (5 points)</p>	
<p>Create a list of five animals that would thrive in your biome and could likely be found "wandering" (HINT: or flying, or swimming) around your resort. (5 points)</p>	
<p>Include at least one plant and one animal in your resort model. (5 points)</p>	
<p>Student Resources for Bio https://askabiologist.asu.edu/explore/biomes Britannica: https://school.eb.com/levels/elementary/article/biome/403913 BrainPop Videos: https://www.brainpop.com/science/ecologyandbehavior/landbiomes/</p> <p>Please check Mrs. Hembree's blog for more specific instructions.</p>	

ELA RUBRIC

Description of Requirements	Check when complete
<p>Create a brochure that highlights the features and amenities of your resort. Use interesting vocabulary that will really help "sell" this resort to potential vacationers.</p>	
<p>Write out a script for a commercial that highlights the features and amenities of your resort. Use interesting vocabulary that will really help "sell" this resort to potential vacationers.</p>	
<p>Please check Mrs. Cordero's blog for more specific instructions.</p>	

SUGGESTED TIMELINE

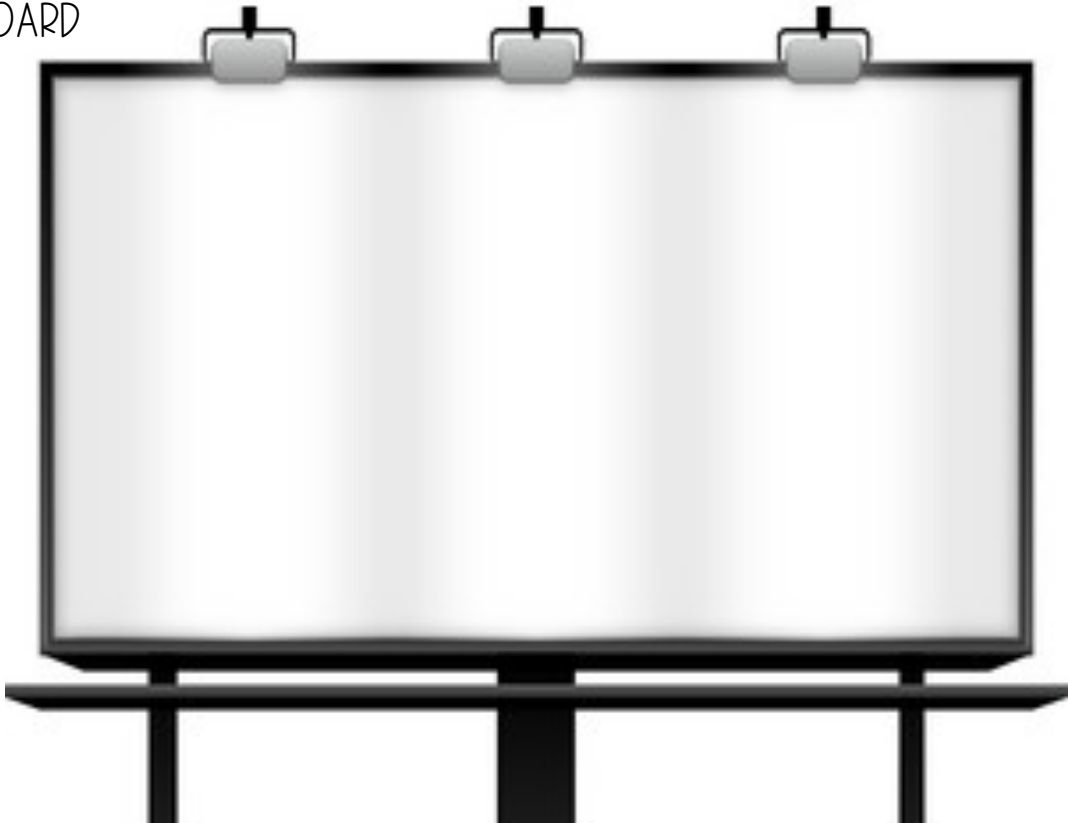
Item	Expected Date
<ul style="list-style-type: none">• Look through project information• Begin preliminary research and brainstorming• Be ready to "pitch" your resort to your teachers (one minute or less)	Week of April 28 th Pitch during Homeroom Check-In on Tuesday, April 28 th
<ul style="list-style-type: none">• Focus on Math and Science components of your project	Week of May 4 th Project Help/Discussion with Math/Science focus during Homeroom Check-In on Tuesday, May 5 th
<ul style="list-style-type: none">• Focus on ELA and Writing component of your project• Prepare presentation	Week of May 12 th Project Help/Discussion with ELA focus and presentation Q+A during Homeroom Check-In on Tuesday, May 12 th
<ul style="list-style-type: none">• Presentations on Zoom	Thursday, May 14 th and Friday, May 15 th Students will sign up for presentation slots via Sign Up Genius

A FRESH, COOL LOOK

RESORT NAME

LOGO

BILLBOARD



BIOME BONANZA

While this sheet is not mandatory, this information **MUST** be included in your model (as stated on the rubric) and mentioned in your presentation.



WHICH BIOME WILL YOUR RESORT BE ON?

WHY DID YOU CHOOSE THIS BIOME?



WHAT ARE THE CHARACTERISTICS OF YOUR BIOME?

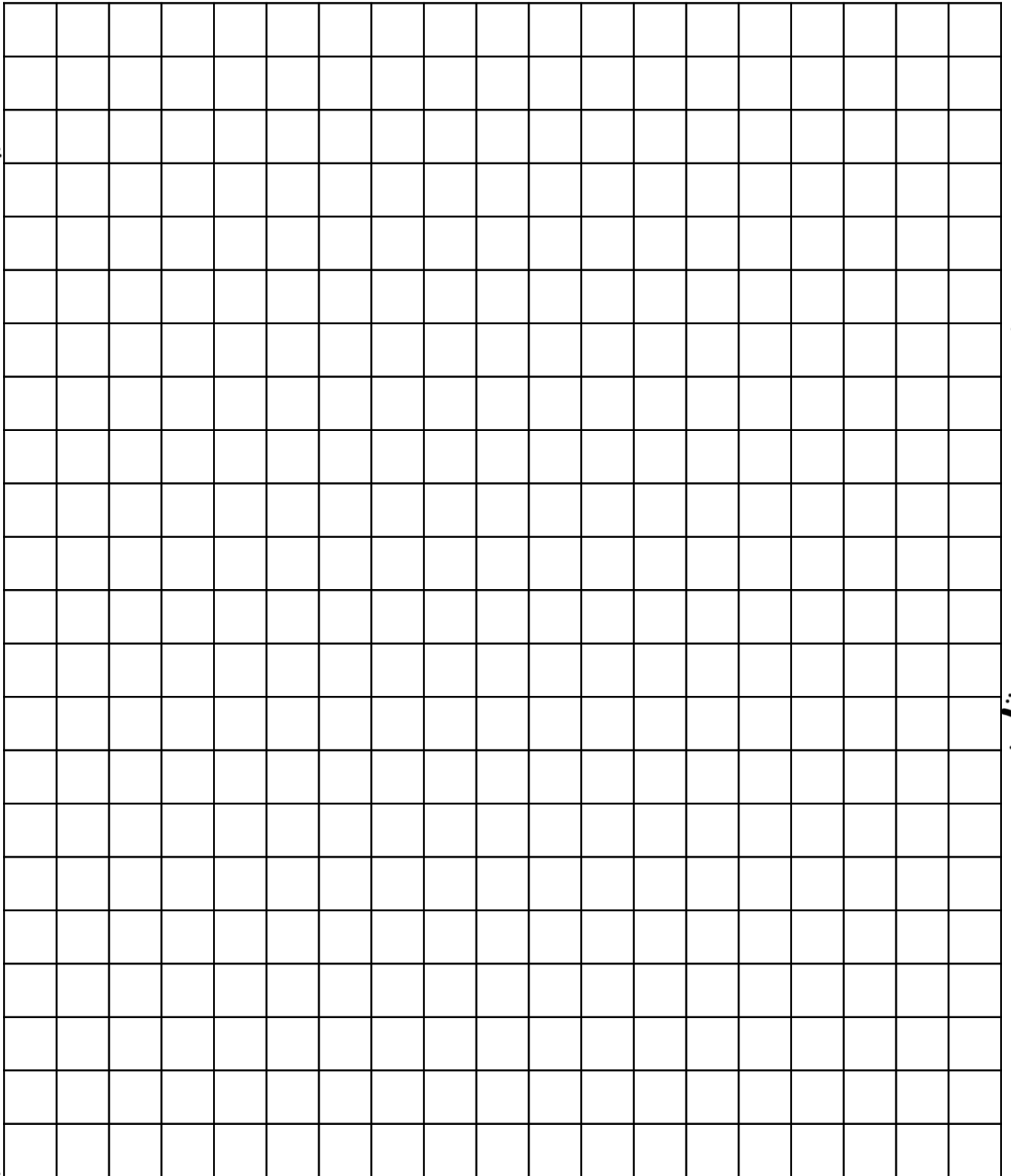


LIST 5 PLANTS THAT WILL THRIVE IN THIS BIOME THAT YOU COULD PLACE IN YOUR RESORT



LIST 5 ANIMALS THAT WILL THRIVE IN THIS BIOME AND COULD BE SEEN AT YOUR RESORT

MODEL



BROCHURE

Your brochure can be designed here, on a blank sheet of paper, or digitally. Design a two-page brochure for your resort. Make this a showcase for the resort and get people excited!

PAGE 1

BROCHURE ELEMENT IDEAS:

- Title
- Logo
- Slogan
- Address
- Pictures
- Activities
- Amenities
- Reviews
- Quotes from Travelers
- Pricing
- Map
- History
- Colors
- Fonts
- Call to Action
- Coupon
- Graphics
- Social Media Links
- CONCISE + CLEAR information

BROCHURE

PAGE 2

BROCHURE ELEMENT IDEAS:

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