

Queen Mary Project Kit

Congratulations! You're going to the Queen Mary! Use these project ideas to enrich your educational experience. Read through them before you go to make sure you understand the terms and concepts, and to help you determine if you want to expand upon any of them. **You'll find fun facts and printable worksheets at the end of this packet.**

a- elementary level activity b- middle school level activity c- high school level activity

Language Arts

The Queen Mary inspires the imagination. What would it have been like to travel on the ship during her commission? Or even just visit as a guest? What would it have been like to work on the ship? What sort of events happened on board? Can you imagine any controversy, or excitement, or maybe just a peaceful stroll on a quiet day? Use your surroundings and your imagination to create a piece of fictional writing.

- a. Draw a storybook or write a short story with illustrations inspired by the Queen Mary.
- b. Write a short story inspired by your visit to the Queen Mary, including a main character and the main elements of a story (setting, plot, conflict, and resolution).
- c. Choose between writing a fictional first-person narrative or a screenplay inspired by your visit to the Queen Mary.

Materials required: Notebook, pen/pencil

Submission: A copy of your writings/drawing, and any pictures/videos

Teaching or learning notes:

Applied Math

The engineering and design of the Queen Mary are absolutely stunning. Everywhere you look there is visual math. Notice the geometry in the designs, the accuracy of the engineering, and all the application of math all around you. Every artisan who worked on the ship had to be proficient in math. Find applications for mathematical thinking and calculation all around you.

- a. Go on a shape hunt. Draw and label the shapes you find. Also, draw a representation of at least two patterns you find.
- b. Look closer at one aspect of the ship. It can be anything: room design, general layout, a tapestry, a bookcase, ship engineering, etc. Detail the math it would take to create it. Try to identify at least one part of your chosen area which would require math or skill beyond your current understanding. What could you do to learn that skill?
- c. Math is everywhere. Imagine you are one of the artisans working on the ship. Describe your project and what you would need to know and do to complete it. Choose at least one application of math that you see, estimate measurements, and use calculations to show how the artisan designed and created that element.

Materials required: Notebook, pen/pencil, calculator or smartphone (optional)

Submission: Your calculations, estimations, and conclusions, and any pictures/videos

Teaching or learning notes:

Science

It takes a lot to get a big ship like the Queen Mary afloat and running smoothly. From buoyancy to boiler rooms, engineering and science are critical to a ship's function.

- a. What makes a ship float? Draw a picture and/or write about the phenomenon.
- b. Investigate one of the main engineering features of the ship. What was it used for? Why is it important? Is it still working now? Why, or why not?
- c. Create your own ship design complete with the basic engineering required for it to work properly. Build a model or draw a picture of our completed ship, and explain its major engineering components as well as your ideas behind your design.

Materials required: Notebook, pen/pencil

Submission: A copy of your drawings, diagrams, or designs, and any pictures/videos

Teaching or learning notes:

Social Studies

The Queen Mary has a rich and vibrant history! Visit queenmary.com/history/our-story/ and learn more about the ship's history. When was it built? How long did it take to build? Who originally owned it and why did he build it? How has it been used over the years? Has anything interesting happened here?

- a. Write or draw about the beginnings of the Queen Mary and what it might have looked like during its building phase.
- b. Choose one historical event that was influential to the history of the Queen Mary and detail its timeline and its significance to the ship.
- c. Create a scaled timeline of events for the ship. Include as many events as you can, with brief details on each one. Include a summary of how the ship's rich history has led it to be the attraction it is today.

Materials required: Notebook, pen/pencil, smartphone (optional)

Submission: A copy of your writings/drawings, and any pictures/videos

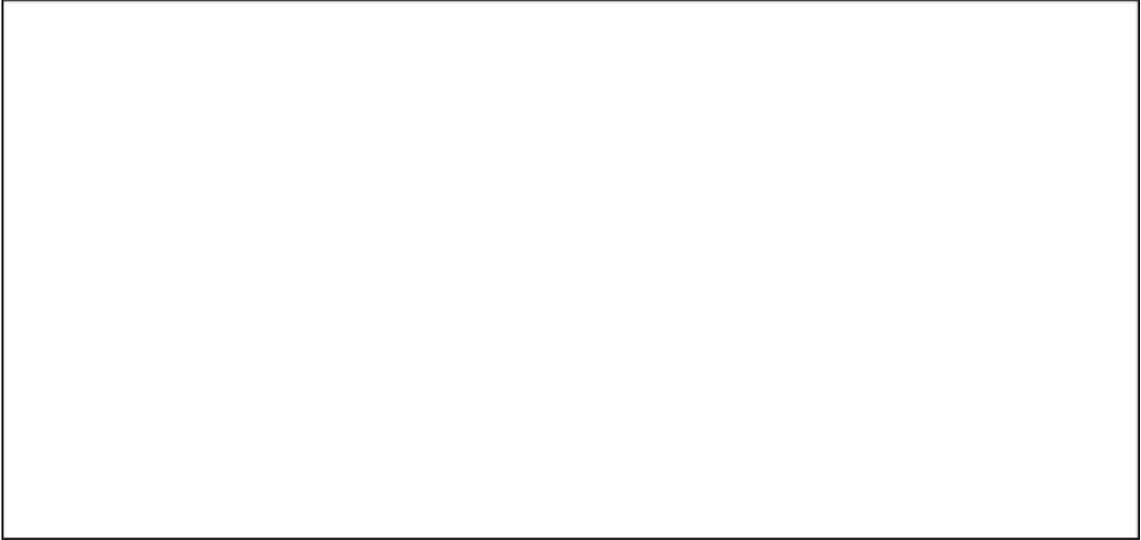
Teaching or learning notes:

FUN FACTS

- The Queen Mary is the world's longest and largest preserved, retired passenger liner.
- The Queen Mary had its own dog kennels, just forward of the second funnel on the Sports Deck.
- 56 different kinds of wood veneers were used throughout her Art Deco style interiors.
- The Queen Mary was reckoned to have six miles of carpet in her rooms and corridors.
- On a typical voyage the Queen Mary carried 60,000 eggs and 6 tons of fresh fish.
- The Queen Mary's whistle on her forward funnel is sounded each day at 10am, noon, 3pm and 6pm.
- The Queen Mary was called the "Grey Ghost" during World War II. She sported a camouflaged grey color and was very elusive. She was the largest and fastest troopship, which played a huge role to the Allied Powers.
- Adolph Hitler offered the Iron Cross and \$250,000 to any captain that could sink the Queen Mary, which ran a zigzag course to avoid them.
- Unprecedented luxury and forward-thinking technology make the Queen Mary popular with British Royalty, Hollywood celebrities and dignitaries alike, raising the bar for luxury travel and ultimately becoming the grandest ocean liner ever built.

The Queen Mary

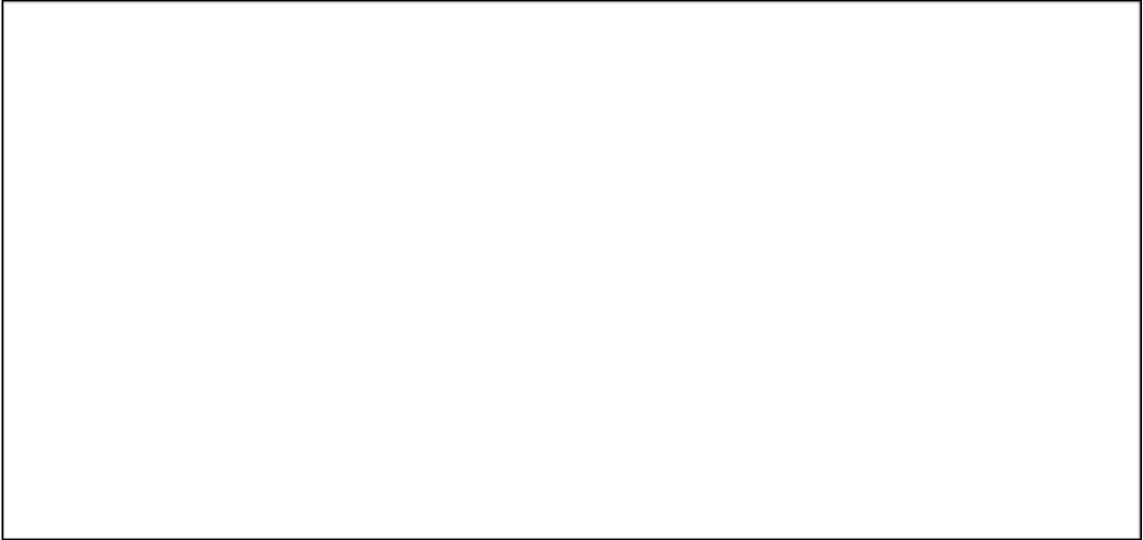
1. Draw a picture of your favorite area of the ship.



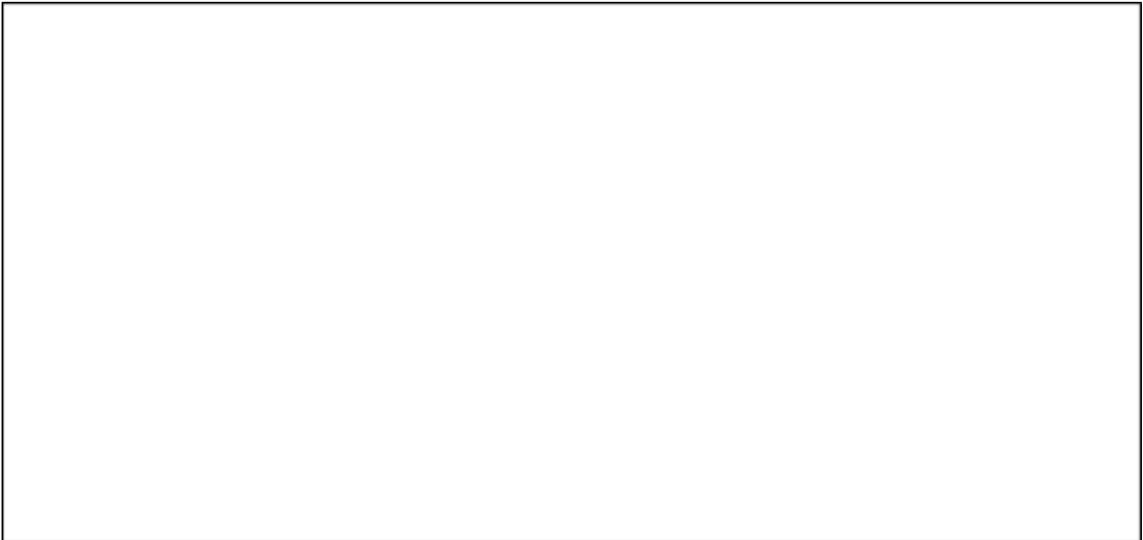
2. Describe your favorite area and why you love it.

3. What is one thing you learned about the Queen Mary's history?

4. Draw or describe a piece of art you saw.



5. Describe or draw one of the functional parts of the ship.



6. Did you like seeing the ship's propellers? Why or why not?

BONUS:

Queen Mary Scavenger Hunt!

- Something made out of brass _____
- Something that you can eat on _____
- Something that hangs _____
- Something that still works _____
- Something smaller than your hand _____
- Something you can't touch _____
- Something important to the ship _____
- Something that holds water _____
- Something with triangles _____
- Something made out of wood _____
- Something made out of glass _____

