

Titanic

RIF EXTENSION ACTIVITIES FOR EDUCATORS



THINK-TAC-TOE ACTIVITY OPTIONS

- ◆ Individual students can choose an activity to complete.
- ◆ Student pairs or cooperative groups can work together on a choice of their own.
- ◆ Educator can assign an activity for an individual, pairs, or groups.

<p style="text-align: center;">WHATEVER FLOATS YOUR BOAT</p> <p>Look up Archimedes' principle. A boat floats if it's <i>heavier</i> but not <i>denser</i> than water; empty space inside helps it float. Create an experiment to show how the design of the boat makes it float. Write out your hypothesis, materials, procedure, and results.</p> <p style="text-align: center;"><i>Science, Engineering, Math</i></p>	<p style="text-align: center;">THE POOP DECK?!</p> <p>Look in the glossary at the back of the book. Pick 5-10 nautical words or phrases. Use those words to write a poem about a sailing adventure. Don't forget to make it rhyme! Draw a picture to go with your poem.</p> <p style="text-align: center;"><i>Science, Art, Writing</i></p>	<p style="text-align: center;">(LET ME) GO WEST, MAN</p> <p>Pretend you live in Europe in 1912. You want to sail to the US to start a new life, but your family doesn't want you to go. Write them a persuasive letter explaining why you want to leave, how you plan to travel, and what you'll do when you get to New York.</p> <p style="text-align: center;"><i>Writing</i></p>
<p style="text-align: center;">CRACK THE CODE</p> <p>Radio operators on <i>Titanic</i> sent messages in Morse code. Write a short message. Translate it into Morse code: en.wikipedia.org/wiki/Morse_code. Trade messages with a friend. Can you crack the code? Visit morsecode.scpillips.com/jtranslator.html to hear your message in code.</p> <p style="text-align: center;"><i>Science, Technology</i></p>	<p style="text-align: center;">TRANSPORTATION INNOVATION</p> <p>In 1912, people crossed the ocean on ships. Now, people ride airplanes. How will people travel 100 years in the future? Design a vehicle people will use in the future. How does it work? What does it use for energy? How many people can it hold? Draw and label a picture of your vehicle.</p> <p style="text-align: center;"><i>Science, Engineering, Art</i></p>	<p style="text-align: center;">POLAR MELTDOWN</p> <p>Today, icebergs are melting because of global warming. Why is this bad for the earth? Make a poster or pamphlet explaining how melting icebergs hurt the planet. List at least 5 ways to help stop global warming. Illustrate your poster.</p> <p style="text-align: center;"><i>Science, Art, Writing</i></p>
<p style="text-align: center;">ON PATROL</p> <p>In response to the <i>Titanic</i> disaster, the International Ice Patrol was formed to protect ships from icebergs. Research to find out what the Ice Patrol does. How do they track icebergs? How do they warn ships? Write a story or draw a comic strip about a day in the life of a member of the Ice Patrol.</p> <p style="text-align: center;"><i>Science, Technology, Art, Writing</i></p>	<p style="text-align: center;">BY THE NUMBERS</p> <p>On <i>Titanic</i>, there were 329 first class passengers, 285 second class passengers, 710 third class passengers, and 899 crew. Show this information on a pie chart or bar graph. Then, use the information to write 3-5 word problems. Trade problems with a partner and solve.</p> <p style="text-align: center;"><i>Art, Math</i></p>	<p style="text-align: center;">JOURNEY JOURNAL</p> <p>Imagine you were on <i>Titanic</i>. Write 3 diary entries: before the trip, during the trip, and after the boat sank. Why are you going to the US? What is the trip like? What class passenger are you? Are you scared when the ship is sinking? How do you make it onto a lifeboat? What happens to you in the US?</p> <p style="text-align: center;"><i>Art, Writing</i></p>