

PROJECT!

OCEAN JOURNAL

Captain James Cook (1728–1779) was a famous British explorer. On his journey to the Arctic Ocean, he kept a journal and recorded his observations about Arctic ice. Today, scientists use Captain Cook’s notes to understand how sea ice in the Arctic is changing. You, too, can record your observations in a science journal. Who will read about your discoveries in the future?

1 For the journal cover, place two yellow sheets together and make three holes along one edge. Set to one side.

2 From the third piece of yellow paper, cut out the top of the submarine and glue in place as shown in the illustration. Attach the **periscope** with a brad so that you can raise it up or lower it down.

3 Use your pencil compass to draw a circle on one sheet of black paper for the submarine window. Glue it near the top of the front cover. Use chalk to add details to the window or glue your school photo to the window. At the bottom of the cover, add an ocean scene with your crayons.

SUPPLIES

- * 3 pieces yellow paper, 9 by 12 inches
- * three-hole puncher
- * brad
- * 21 pieces of paper 9 by 12 inches, including some black paper
- * pencil
- * pencil compass
- * scissors
- * glue stick
- * chalk or your school photo
- * crayons
- * black yarn

WORDS TO KNOW

periscope: a long tube with two mirrors used in submarines to see above the surface of the ocean.

GPS: stands for Global Positioning System, a network of satellites that can be used to find your location on Earth.



PROJECT!

4 Take the rest of the black paper for the inside of your journal. Punch three holes along one side of the papers. Center the pages between the covers.

5 Tie a knot in one end of your yarn and thread it through the holes to sew the covers and inside papers together. Go back and forth a couple of times so your binding is strong. Tie the yarn off when you're done. Your journal is ready to use!



THINK ABOUT IT: Captain Cook had to keep his journal safe even as he sailed through terrible weather! How can you keep your journal safe when you are investigating oceans?

AHOY!

Captain Cook sailed thousands of miles across ocean that no one had ever explored before. And he did this in the days before **GPS!** He made many observations of the people he met, the plants he found, and the animals he encountered.



PS

You can read his journals and see that actual journals he wrote in, plus his handwriting, at these websites.

KEYWORD PROMPTS

Captain Cook journals

KEYWORD PROMPTS

NLA Cook journal

