



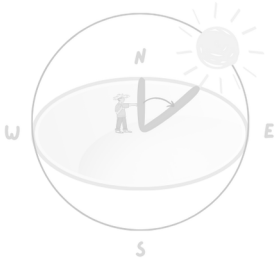
**Instructions for the ABC stickers:**

The stickers will fit AVERY Labels - code 936074, 99.1mm x 67.7mm  
Just load the paper into your printer and choose to print only page 2  
of this document. You will be able to print 8 stickers per sheet. Each  
letter will fill the next sticker block so save your sheet for the next  
letter. Alternatively, you can print on normal paper, cut the sticker out  
and glue into your math journal.

I hope you enjoy using these resources with your family. I am happy  
for you to share these pages with others but please respect the  
creative copywrite and link back to [jo.mathinnature](http://jo.mathinnature).



# Azimuth



The Azimuth angle is the horizontal angle measured clockwise from North.

# Bisect

Like the mid vein of a leaf



To bisect is to divide into two equal parts. The line which divides is called the bisector.

# Converge



THESE LINES LOOK LIKE THEY APPROACH EACH OTHER BUT THEY ACTUALLY NEVER MEET.

Approach toward a definite value or point.

# Depth



THESE POSTS HAVE MARKS WHICH SHOW THE DEPTH OF THE WATER.

The distance from top to bottom.

# DEPTH

**DISTANCE FROM THE TOP TO THE BOTTOM**

## Instructions

Some amazing creatures live in the ocean. Use the pictures on the next page to place on this Ocean Depth Chart to show at what depth they like to live. Or create your own Ocean Depth Chart to hang on the wall.

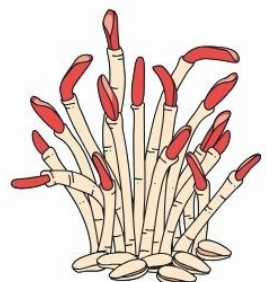
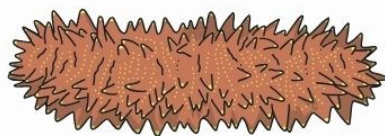
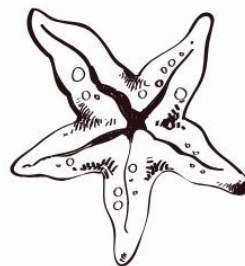
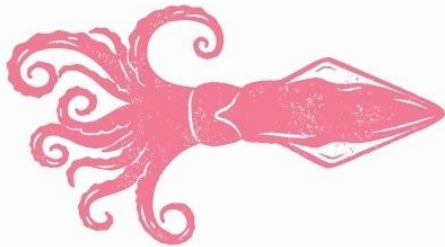
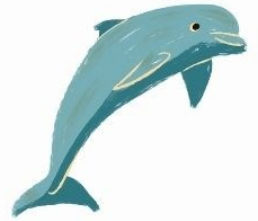
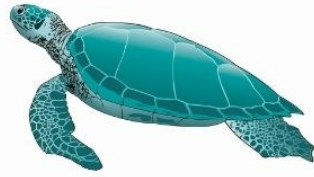
200m

1000m

4000m

6000m

11000m



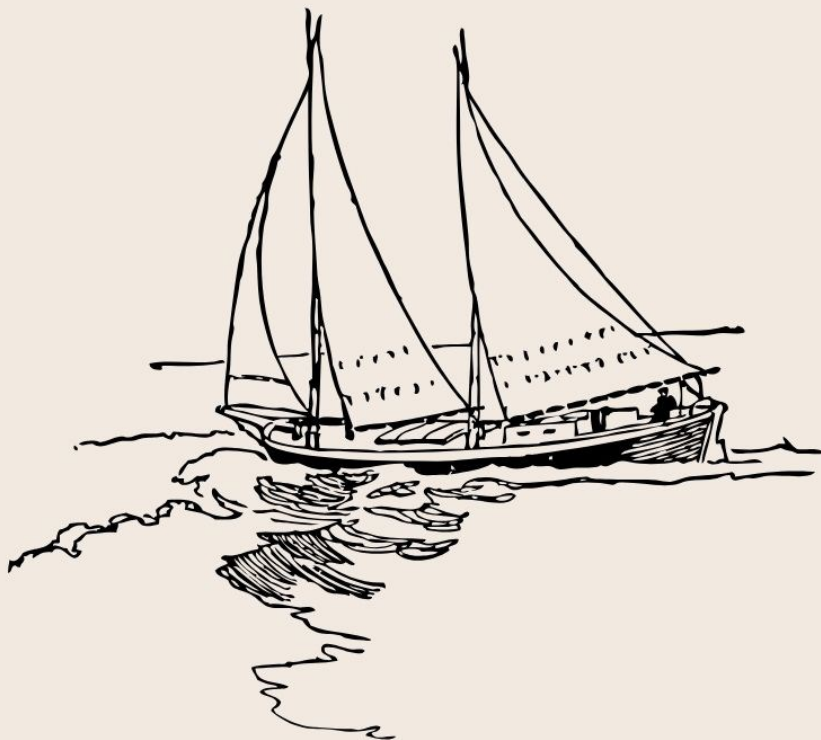
# DEPTH

## LET'S LEARN MORE

Today, if a sailor wants to know the depth of the ocean, he would use sound and radar, but how did the sailors of long ago measure the oceans depth?

From approximately the 5th century sailors would use something called a lead line. This was a rope which was marked every 6 feet (about 1.8 metres), a measurement known as a fathom. At the end of the rope was a lead weight. The sailor would throw the rope overboard, when the weight hit the bottom he could read how many fathoms deep the ocean was at that point.

You can make a mini lead line. Take a 3m piece of rope. Make a knot at each 50cm. Tie a weight to the bottom. (you can use a block or something heavy that will sink). Ask an adult to take you to a place where you can test your lead line. A pool or stream. Record your measurements.



You might like to take some measurements at a local river to put in your nature journal.

*Beneath the surface of the sea,  
Where light can never hope to be,  
Lies secrets deep and mysteries old,  
In hidden depths, untold.*

*~Zunaira Uzair*



# MY NOTES ON 'DEPTH'

[Watch this video](#) for a visual look  
at the depth of the ocean.