

# Aids to Navigation – Classroom Aids

## Printing and Assembly Instructions:

Print the pages you need – NO SCALING – That makes the slots work

The colors go all the way to the edge of the sheet for the bottom of the ATON models. You may trim the slight white edge where the printer does not print all the way to the edge of the paper off the bottom of the ATON if you want.

The center of the sheets of paper is the top of the ATON. The edge of the paper is the foot of the ATON

I have both colored pages and pages with outlines – the outlines are for those that want to color their own colors or don't have access to a color printer.

The most straight forward assembly is to glue the printed sheets onto Foam Board then cut the ATON shapes out with a straight edge and sharp X-Acto or Utility Knife.

All the base slots are the same height so all the base feet will fit any ATON model except the ATON's that are designed fit together.

The Isolated Danger and Mooring Buoy appear twice if you want to make a double sided ATON.

The plain colored sheets without the outline of the slot go on the back side of the matching pattern after the ATON has been cut out from the Foam Board.

Be careful when cutting the slots in the ATON, if the slots are cut too wide the ATON's will not stand up straight.

Be careful when gluing the Red and White Safe Water Mark to get the proper alternating red and white vertical stripes.

Take a felt tip marker or Highlighter and color the edges of the Foam Board to make the ATON's look better by coloring the white foam board edge.

These were made from  $\frac{1}{4}$  inch white foam board because it is stiffer and stands up nicely. Poster board will probably work but will not be quite as stiff and the center slots will need to be made thinner.

The feet will slip off so all the aids will fit into a small box.

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