



Ocean Science Data Based Lesson

A Guide to Construction of Materials
for Fish Migration Game

This guide is intended to be used in conjunction with the lesson plan for this lesson

This document is not a lesson plan. It is intended only to provide instruction for creating the custom tarp the Fish Migration Game lesson requires.

Once prepared, the tarp can be reused. This lesson is intended for use in informal education settings.

Lesson Goals

- Compare and contrast how animals inhabit their environment
- Describe possible reactions of animals to changes in their environment.
- Leave students with skills to interpret false color images.

Needed Construction Materials

For a class of 30 students only one tarp is needed

- Large 20' by 20' tarp.
- 3 Rolls of Duct tape (50 yds each) Gray or black color
- 1 roll of white electrical tape
- 0-9 Numerical Stencils (at least 5" tall)
- Acrylic Paint (Spray or Brush)
- Large Area to spread tarp out flat
- Tape Measure
- As an alternative numbering to paint and stencils, mailbox sticker numbers could be used.

Fish Migration Game

Lay the tarp out flat in an open area.

Measure a 10 X 10 grid, with the 20' by 20' size tarp each square should be two foot square.

Use the duct tape to mark the grid across the tarp.

Number each square starting with number 1 in the upper left corner and labeling horizontally to 10.

Use electrical tape to mark a visible star/asterisk across squares 17, 43, 70, and 86.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

In this picture is how the completed tarp should look.