

Name _____

FORTUNE Telling FISH



How can a plastic fish tell your fortune? Is there science behind the fish or is it magical and can really tell your fortune?

Materials:

Fortune Telling Fish

Paper Towels

Hand Warmer

Dropper

Water

Tin foil

As a team, make observations and collect data to try and solve the mystery, is it magical or science?

Procedures:

1. Have each member of the team take turns placing the fish on their palm. Using tally marks, record the movement of the fish in the table below. Make sure to do this for yourself and each team member.

Moving head	Moving tail	Moving head and tail	Curling side(s)	Turns over	Nothing happens	other

2. As a team, brainstorm ideas on what is causing the fish to move and record your team's ideas in the space below.

3. Create a hypothesis using the format below.

a. If I do this _____, then the fish will do this

b. What will you change? _____

c. What will you observe? _____

d. What will you keep the same? _____

4. Create procedures for the team's experiment by completing the information below. (Must not destroy or ruin the fish in any way)

a. I will 1st do this to the fish _____

b. I will do this next. _____

c. I will observe and measure this about the fish _____

d. I will record and measure my observations like this _____

5. Record observations in the space below creating a data table or graph

6. **Analyze** the data and write 3 true statements in complete sentences.



7. Explain what caused the fish to move using **evidence** from the data.