Flotation Station Activity **Name**: **Advisory**:

There are a number of stations set up around the room, each with different substances or objects. Move from station to station, at each station write down each substance or object and make a prediction (hypothesis) of what you think might happen. Then, carefully place each substance or object in the water and record what happens. Afterwards, talk to those around you and try to explain why it happened.

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| Substance/Object | Hypothesis  (proposal) | Floated? | | | Possible Explanation |
| Top | Middle | Sank |
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| Substance | Hypothesis  (proposal) | Floated? | | | Possible Explanation |
| Top | Middle | Sank |
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After you have tested each substance or object make note of what characteristics those that floated best possessed:

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Can this knowledge assist us with our boat design and construction? Something to think about.