



IMAGINE YOUR STORY

Kings and Queens King Arthur's Sword: A Density and Buoyancy Science Experiment

Materials:

1. 2 balls of clay, the same size and weight
2. Large bowl
3. Water
4. King or Queen costume (optional)

Instructions:

1. Fill the large bowl with water about $\frac{3}{4}$ of the way full.
2. Take one of the balls of clay and lower it into the bowl. (It will sink to the bottom.)
3. Take the second ball of clay and shape it into a flat sword. Hollow out the middle slightly like a canoe. Lower it into the water. (it will float.)



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*King Arthur's
Sword:*

**DENSITY
AND
BUOYANCY SCIENCE
FOR KIDS!**

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