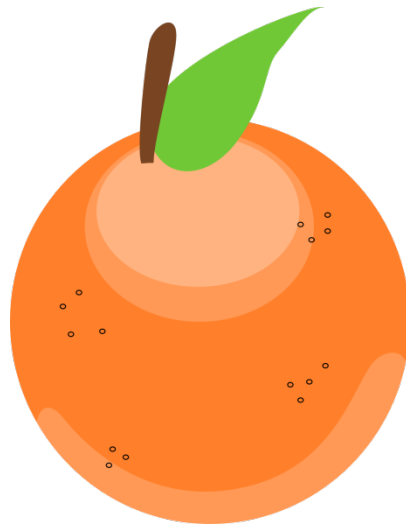


# Exploring the Density of Orange Parts Using the Scientific Method

Created by Deirdre Smith of  
JDaniel4's Mom

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**Exploring the Density of Orange Parts Using the Scientific Method**

**Purpose:** You are going discover if the parts of an orange float.

**Research says that oranges float. Why?**  
The orange with its peel on floats because the rind is like a sponge. It is filled with tiny pockets of air.  
Try it dropping an orange in a cup or bowl of water. Share what happens below.

\_\_\_\_\_

My hypothesis:	Circle Your Prediction	
The peel will	sink	float
The pulp will	sink	float
The orange sections will	sink	float

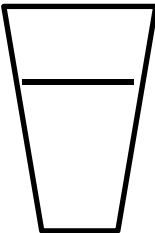
**Experiment:**  
You will need place each orange part in a cup of water to see if it will float.

**Analysis:**

Show whether the orange part floated or sank.

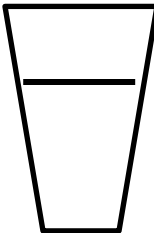
Circle the word that tells what happened.

peel



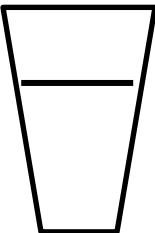
sank  
floated

pulp



sank  
floated

sections



sank  
floated

**The conclusions based on the experiment:**

\_\_\_\_\_

\_\_\_\_\_