



Clay Boats

Standard Connection:

- ELA.RL.PK4.4a
- ELA.RI.PK4.3
- M.MD.PK4.1
- M.MD.PK4.2
- S.PS.PK4.2
- PD.FM.PK4.1
- PD.FM.PK4.4
- VA.CR1.1.PK

Enduring Understanding(s):

- Gathering information helps us make decisions.

Essential Question(s):

- How do you develop the skills, strategies, and capacity to respond appropriately to varied situations?

Materials	Vocabulary	Books
<ul style="list-style-type: none"> • <i>Gilberto and the Wind</i> • plasticine clay /plas-tuh-seen/ • Beautiful Stuff • clipboards • pencils • trays • images (see Resource) • children’s sailboats from <i>Making Sailboats</i> (from Unit 3 Week 1) 	<p>float: stay on top of the water</p> <p>sink: go underwater</p> <p>buoyancy: how well something floats</p> <p>experiment: try something</p> <p>plasticine: soft clay</p>	

Intro to Centers	
Preparation: <i>Set up materials.</i>	
<p>“In <i>Gilberto and the Wind</i>, when the wind blew Gilberto’s sailboat, it floated and did not sink.”</p>	Show illustrations.
<p>“The sailboats that you built and experimented with in Science last week also floated. What do you notice?”</p>	<p>Show children’s sailboats from <i>Making Sailboats</i>.</p> <p>Children respond.</p>
<p>“Today, in Creative Arts, you can construct boats again, using only a waterproof clay called plasticine.”</p> <p>“How is plasticine similar to or different from Playdoh?”</p>	<p>Show plasticine.</p> <p>Children respond.</p> <p>Guide children to notice that plasticine is less malleable /'ma-lē-ə-bəl/ than Playdoh.</p>
<p>“You can test your boat’s buoyancy – how well it floats – in Science. How will you record the results of your experiment?”</p>	Children respond.

mal·lea·ble 'ma-lē-ə-bəl