

## CARD SORT - SCIENCE

<p>Students will view an EAS (Emergency Alert System) flash flood warning and/or flash flood video clip. Students will utilize a KWL chart to organize what they know about flash floods.</p>	<p><b>Engage</b></p>	<p><i>Capture interest and establish prior knowledge.</i></p>
<p>Students will use clay models and graph paper to investigate watersheds and explore how water behaves in a general watershed. Students will also investigate how water behaves on various substrates.</p>	<p><b>Explore</b></p>	<p><i>Construct knowledge through questioning and active engagement in a learning task.</i></p>
<p>Students will participate in collaborative group discussion to summarize the findings from the watershed and substrate experiment.</p>	<p><b>Explain</b></p>	<p><i>Interpret, clarify, and refine learning.</i></p>
<p>Students will investigate specific watersheds containing different substrates and how these would relate to flash floods.</p>	<p><b>Extend</b></p>	<p><i>Apply and generalize learning.</i></p>
<p>Students will design and create a community watershed model to represent an “ideal” community design to mitigate flooding. Students will also create a presentation showcasing their model addressing flash flooding using the theme “Turn Around Don’t Drown.”</p>	<p><b>Evaluate</b></p>	<p><i>Assess learning.</i></p>