Card Sort - Science

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| 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. | **Engage** | *Capture interest and establish prior knowledge.* |
| 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. | **Explore** | *Construct knowledge through questioning and active engagement in a learning task.* |
| Students will participate in collaborative group discussion to summarize the findings from the watershed and substrate experiment. | **Explain** | *Interpret, clarify, and refine learning.* |
| Students will investigate specific watersheds containing different substrates and how these would relate to flash floods. | **Extend** | *Apply and generalize learning.* |
| 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.”  | **Evaluate** | *Assess learning.* |