

# **Engage, Explore, Explain and Extend- and in the end, Evaluate**

- The learning cycle- **Engage, Explore, Explain and Extend- and in the end, Evaluate**- Engage/Initiate, Explore/Question, Explain/Clarify, Extend/Apply
- **Engage**- Good instruction begins by capturing students' interests. Make it where it is a part of their everyday life. Tell them a story, make a connection. (ie. When you go to the grocery store and see 25% off, what does that mean?)
- **Explore**- Where the students actively explore their environment and manipulatives. *They will want to touch the manipulatives.* Students need to be able to explore on their own.
- **Explain**- Students' attention is focused on a particular aspect of the engagement and the exploration experience. Kids are still thinking about how you got them engaged, so now they are making connections. Students need the opportunity with the manipulatives to construct the meaning of what they are supposed to be doing. Explaining is a higher-order thinking process. If the students can teach a topic to someone else, they know it and they can further deepen their knowledge. They can further understand and demonstrate the skill you are working on in class.
- **Extend**- Broaden the kids' knowledge. Bring in new experiences that build on your schema/deepen their knowledge of the skills that are covered.
- **Evaluate**- Evaluate so students can assess their own understanding and abilities. There is a common misconception that you should always evaluate at the end of an investigation. ***Evaluate all the time.***