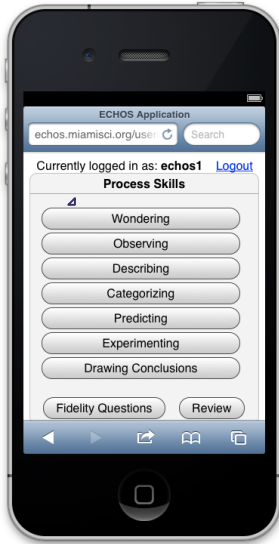


# ECHOS Classroom Observation/Coaching Tool

The **ECHOS Observation Tool** was developed to provide feedback to teachers' on their use of instructional strategies that promote children's science process thinking skills. This browser-based tool can be used on a smartphone, tablet or laptop to capture interactions between a teacher and a small group of children. Observations may take place in a variety of settings, such as peer-to-peer, mentor coaching, or supervision.



Main Menu

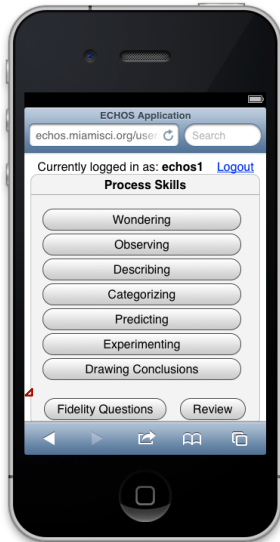
Children... Teacher...

- Identify object properties
- Use senses to observe concrete, familiar objects
- Differentiate between models and real objects
- Use measurement tools to record observations
- Use tools to observe objects or events

Teacher... Children...

- Models identification of object properties
- Provides sensory materials
- Compares models to real objects
- Models use of tools for measurement
- Models use of tools for observation

The tool also provides a set of questions related to **fidelity**, the degree of adherence to the **ECHOS**<sup>®</sup> program.



Fidelity

**Fidelity Questions**

Instruction

4. What sequence of activities did the teacher follow?

- Sequence followed
- Somewhat followed
- Not followed

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**Fidelity Questions**

Instruction

9. How much did the teacher require participation from all children?

- Engaged most children
- Engaged some children
- Only engaged one or two children

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