

5 - E Lesson Plan Template

The lesson title: _____

Physics/Physical Science:

Concepts to be attained: _____

Concepts that are important to expansion: _____

Materials needed:

- For explorations

- For expansions

1. Engagement

What is the focus of the lesson?

2. Exploration

Which skills will be used?

What will students do?

3. Explanation

What is the main idea (concept) ? How will the main idea (concept) be constructed?

4. Expansion

Which process skills will be used?

How will the idea be expanded?

5. Evaluation

How will the students show what they have learned?

Questions for Consideration for Each Phase

1. Engagement

- The engagement phase of the 5-E model is intended to provide a focus for the lesson and to allow the teacher to probe students' initial conceptions.
- What do students already know about the concept?
- What do they want to know?
- What will they explore?

2. Exploration

- What is the precise concept that students will explore?
- What activities must the children do to become familiar with the concept?
- What kinds of observations and records should the children keep?
- What kinds of instructions will the children need? How can you give the instructions without telling the concept?

3. Explanation

- What kinds of information or findings should the children talk about?
- How can you help students summarize their findings?
- How can you guide the students and refrain from telling them what they should have found, even if their understanding is incomplete?
- What concept "labels" should the children discover?
- Why is the concept important?

4. Expansion

- How can you connect with children's prior experiences?
- How does the concept relate to the science program goals?
- What questions can be used to encourage discovery of the concept's importance?
- What new experiences will help to apply or expand the concept?
- What is the next concept related to the present one?

5. Evaluation

- What are the appropriate learning outcomes you should expect?
- What types of hands-on evaluation techniques can the children do to demonstrate the basic process skills?
- What techniques are appropriate for children to demonstrate the integrated process skills?
- How can pictures help children to demonstrate how well they can think through problems?
- What types of questions will help children to reflect on what they have discovered?