

## 5E Lesson Design Template - Directions

**Complete information on top of template indicating necessary information. Summary should be a short snapshot that gives the teacher a brief idea of what is to come (objectives, activities, “big idea”)**

### **1. Engagement: (the “catch”)**

- ◆ Describe how the teacher will capture students’ interest.
- ◆ What kind of questions should the students ask themselves after the engagement?

### **2. Exploration: (the “do”)**

- ◆ Describe what hands-on/minds-on activities students will be doing.
- ◆ List at least 2 questions the teacher may use to encourage and/or focus students’ exploration.

### **3. Explanation: (the “lesson”)**

- ◆ List at least 2 higher order thinking questions which teachers may use to solicit STUDENT explanations and help them to justify their explanations
- ◆ Student explanations should precede introduction of scientific terms or explanations by the teacher. What questions or techniques will the teacher use to help students connect their exploration to the scientific concept under examination?

### **4. Elaboration: (“the enrich”)**

- ◆ Describe how students will develop a more sophisticated understanding of the concept.
- ◆ What scientific terminology will be introduced and how will it connect to students’ observations?
- ◆ How is this knowledge applied in science or in our daily lives?

### **5. Evaluation: (the “evaluation”)**

- ◆ How will students demonstrate that they have achieved the lesson objective?
- ◆ This may be done throughout the lesson as well as at the end of the lesson.

### **⊕ Background for Teacher:**