**NGSS Lesson Planning Template**

|  |  |  |
| --- | --- | --- |
| Grade: | Topic: | Lesson Title: |
| Brief Lesson Description: | | |
| Performance Expectation(s): | | |
| Specific Learning Outcomes: | | |
| Cross-Curricular Connections: ELA/Math | | |
| Background Information | | |
| Prior Student Knowledge: | | |
| Science and Engineering Practices: | Disciplinary Core Ideas: | Crosscutting Concepts: |
| Possible Preconceptions/Misconceptions: | | |
| LESSON PLAN: 5 E Model | | |
| ENGAGE: Opening Activity- Access Prior Learning/ Stimulate Interest/ Generate Inquiry Questions  Student Lab:  Materials:  Procedures: | | |
| EXPLORE: Lesson Description- Materials Needed/ Probing or Clarifying Questions | | |
| EXPLAIN: Concepts Explained and Vocabulary Defined  Academic and Content Specific Vocabulary: | | |
| ELABORATE: Applications and Extensions | | |
| EVALUATE:  Informal Assessments and Monitoring:  Formal Assessments and Monitoring:  Summative Assessments (Quiz/Project/Test/Report): | | |
| Further Differentiation: Elaboration/Reflection/Enrichment | | |

**Materials Required for This Lesson/Activity**

|  |  |  |  |
| --- | --- | --- | --- |
| **Quantity** | **Description** | **Source/Supplier** | **Estimated Cost** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |