

## ATEP Lesson Review Form

Instructor: \_\_\_\_\_

Lesson: \_\_\_\_\_ Grade Level/s: \_\_\_\_\_

**ATEP-targeted skills addressed by this lesson (check all that apply):**

### Skills for all grade levels:

#### Scientific Process Skills:

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Ask a testable question | <input type="checkbox"/> Make a hypothesis | <input type="checkbox"/> Perform an experiment |
| <input type="checkbox"/> Collect/record data     | <input type="checkbox"/> Display data      | <input type="checkbox"/> Analyze data          |
| <input type="checkbox"/> Write about results     | <input type="checkbox"/> Present results   |  |

#### Cultural Knowledge and Skills:

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Traditional methods of ocean and/or earthquake observation | <input type="checkbox"/> Traditional methods of hazard preparation and response | <input type="checkbox"/> Identify areas of historic or cultural importance |
|---|---|--|

#### Workforce Skills:

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Listening          | <input type="checkbox"/> Speaking               | <input type="checkbox"/> Organizing        |
| <input type="checkbox"/> Processing symbols | <input type="checkbox"/> Applying new knowledge | <input type="checkbox"/> Creative thinking |
| <input type="checkbox"/> Decision-making    | <input type="checkbox"/> Problem solving        | <input type="checkbox"/> Reasoning         |
| <input type="checkbox"/> Writing            |   |  |

### Kindergarten-4th grade skills:

#### GIT and Technology Skills:

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Computer hardware basics          | <input type="checkbox"/> Computer software basics            | <input type="checkbox"/> Draw maps by hand |
| <input type="checkbox"/> Identify simple polygons on a map | <input type="checkbox"/> Plot locations on a map             | <input type="checkbox"/> Find distances    |
| <input type="checkbox"/> Word for reporting                | <input type="checkbox"/> Excel for data entry and comparison |  |

#### Workforce Skills:

##### (Math Skills)

- |                                       |                                      |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|
| <input type="checkbox"/> Collect data | <input type="checkbox"/> Record data | <input type="checkbox"/> Compare data |
|---------------------------------------|--------------------------------------|---------------------------------------|

##### (Literacy Skills)

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Read information | <input type="checkbox"/> Summarize data | <input type="checkbox"/> Communicate results |
|---|---|--|

### 5th-8th grade skills:

#### GIT and Technology Skills:

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Analyze satellite imagery or aerial photos | <input type="checkbox"/> Use Internet to access data                  | <input type="checkbox"/> Navigate the ATEP CD-ROM                    |
| <input type="checkbox"/> Add photos to maps or waypoints            | <input type="checkbox"/> Excel for data entry/organization            | <input type="checkbox"/> Excel (data comparison/display)             |
| <input type="checkbox"/> Export maps to Google Earth                | <input type="checkbox"/> PowerPoint for presentations                 | <input type="checkbox"/> Download web documents                      |
| <input type="checkbox"/> Communicate via e-mail, Skype, Blackboard  | <input type="checkbox"/> Use mapping software to import GPS waypoints | <input type="checkbox"/> Create displays for community presentations |

#### Workforce Skills:

##### (Math Skills)

- |  |  |
|--|--|
| <input type="checkbox"/> Use of statistics | <input type="checkbox"/> Coordinate geometry |
|--|--|

##### (Literacy Skills)

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Read information            | <input type="checkbox"/> Summarize data         | <input type="checkbox"/> Communicate results |
| <input type="checkbox"/> Defend scientific arguments | <input type="checkbox"/> Apply bilingual skills |  |

\*\*\*\*Please complete both sides of this form.\*\*\*\*

**9th-12th grade skills:**

**GIT and Technology Skills:**

- |  |   |  |
|--|---|--|
| <input type="radio"/> Spatial modeling                         | <input type="radio"/> Map projection          | <input type="radio"/> Data overlay/conversion      |
| <input type="radio"/> Analysis of geographic data              | <input type="radio"/> View tsunami animations | <input type="radio"/> Create science fair displays |
| <input type="radio"/> Use Excel to manipulate and analyze data |   |  |

**Workforce Skills:**

***(Math Skills)***

- |   |  |
|---|--|
| <input type="radio"/> Use algebra to analyze/interpret data | <input type="radio"/> Use inferential statistics |
|---|--|

***(Literacy Skills)***

- |   |  |   |
|---|--|---|
| <input type="radio"/> Read information            | <input type="radio"/> Summarize data         | <input type="radio"/> Communicate results |
| <input type="radio"/> Defend scientific arguments | <input type="radio"/> Apply bilingual skills |   |

**How can this lesson be revised to make it stronger?**

**What are the strengths of this lesson (items that should remain the same)?**

**How might this lesson be revised to address more ATEP-targeted skills (from checklists)?**