

## CURRICULUM CONNECTIONS

This section is for educators who want more specific information regarding the Grade 6 curriculum connections for each activity in *The Griffin Inquest* crate.

### Grade 6: Table of Knowledge Outcomes<sup>1</sup>

Activity	Unit	STS-Knowledge Outcomes
Session 1: Fingerprints	Topic D: Evidence and Investigation	GLE 6-8: Apply observation and inference skills to recognize and interpret patterns and to distinguish a specific pattern from a group of similar patterns.  SLE 1: Recognize evidence of recent human activity, and recognize evidence of animal activity in a natural outdoor setting. SLE 3: Recognize that evidence found at the scene of an activity may have unique characteristics that allow an investigator to make inferences about the participants and the nature of the activity, and give examples of how specific evidence may be used. SLE 4: Investigate evidence and link it to a possible source; e.g., by: • Classifying fingerprints collected from a variety of surfaces
Session 2: Fiber Analysis	Topic D: Evidence and Investigation	GLE 6-9: Apply knowledge of the properties and interactions of materials to the investigation and identification of a material sample.  SLE 1: Recognize evidence of recent human activity, and recognize evidence of animal activity in a natural outdoor setting. SLE 3: Recognize that evidence found at the scene of an activity may have unique characteristics that allow an investigator to make inferences about the participants and the nature of the activity, and give examples of how specific evidence may be used. SLE 4: Investigate evidence and link it to a possible source; e.g., by: Comparing samples of fabric

<sup>1</sup> Alberta Education Programs of Study (1996)

<p>Session 3: Footwear Impressions</p>	<p>Topic D: Evidence and Investigation</p>	<p>GLE 6-2: Recognize the importance of accuracy in observation and measurement; and apply suitable methods to record, compile, interpret and evaluate observations and measurements.</p> <p>GLE 6-8: Apply observation and inference skills to recognize and interpret patterns and to distinguish a specific pattern from a group of similar patterns.</p> <p>SLE 1: Recognize evidence of recent human activity, and recognize evidence of animal activity in a natural outdoor setting.</p> <p>SLE 2: Observe a set of footprints, and infer the direction and speed of travel.</p> <p>SLE 3: Recognize that evidence found at the scene of an activity may have unique characteristics that allow an investigator to make inferences about the participants and the nature of the activity, and give examples of how specific evidence may be used.</p> <p>SLE 4: Investigate evidence and link it to a possible source; e.g., by:</p> <ul style="list-style-type: none"> <li>• classifying footprints, tire prints and soil samples from a variety of locations</li> </ul>
<p>Session 4: Tire Impressions</p>	<p>Topic D: Evidence and Investigation</p>	<p>GLE 6-2: Recognize the importance of accuracy in observation and measurement; and apply suitable methods to record, compile, interpret and evaluate observations and measurements.</p> <p>GLE 6-8: Apply observation and inference skills to recognize and interpret patterns and to distinguish a specific pattern from a group of similar patterns.</p> <p>SLE 1: Recognize evidence of recent human activity, and recognize evidence of animal activity in a natural outdoor setting.</p> <p>SLE 2: Observe a set of footprints, and infer the direction and speed of travel.</p> <p>SLE 3: Recognize that evidence found at the scene of an activity may have unique characteristics that allow an investigator to make inferences about the participants and the nature of the activity, and give examples of how specific evidence may be used.</p> <p>SLE 4: Investigate evidence and link it to a possible source; e.g., by:</p> <ul style="list-style-type: none"> <li>• classifying footprints, tire prints and soil samples from a variety of locations</li> <li>• analyzing the ink from different pens, using paper chromatography</li> <li>• analyzing handwriting samples to identify the handwriting of a specific person.</li> </ul>

Session 5: Soil Analysis	Topic D: Evidence and Investigation	<p>GLE 6-9: Apply knowledge of the properties and interactions of materials to the investigation and identification of a material sample.</p> <p>SLE 1: Recognize evidence of recent human activity, and recognize evidence of animal activity in a natural outdoor setting.</p> <p>SLE 3: Recognize that evidence found at the scene of an activity may have unique characteristics that allow an investigator to make inferences about the participants and the nature of the activity, and give examples of how specific evidence may be used.</p> <p>SLE 4: Investigate evidence and link it to a possible source; e.g., by:</p> <ul style="list-style-type: none"> <li>• classifying footprints, tire prints and soil samples from a variety of locations.</li> </ul>
Session 6: Questioned Documents	Topic D: Evidence and Investigation	<p>GLE 6-2: Recognize the importance of accuracy in observation and measurement; and apply suitable methods to record, compile, interpret and evaluate observations and measurements.</p> <p>GLE 6-8: Apply observation and inference skills to recognize and interpret patterns and to distinguish a specific pattern from a group of similar patterns.</p> <p>GLE 6-9: Apply knowledge of the properties and interactions of materials to the investigation and identification of a material sample.</p> <p>SLE 1: Recognize evidence of recent human activity, and recognize evidence of animal activity in a natural outdoor setting.</p> <p>SLE 3: Recognize that evidence found at the scene of an activity may have unique characteristics that allow an investigator to make inferences about the participants and the nature of the activity, and give examples of how specific evidence may be used.</p> <p>SLE 4: Investigate evidence and link it to a possible source; e.g., by:</p> <ul style="list-style-type: none"> <li>• analyzing the ink from different pens,</li> <li>• using paper chromatography</li> <li>• analyzing handwriting samples to identify the handwriting of a specific person.</li> </ul>
Session 7: Crime Scene	Topic D: Evidence and Investigation	<p>SLE 3: Recognize that evidence found at the scene of an activity may have unique characteristics that allow an investigator to make inferences about the participants and the nature of the activity, and give examples of how specific evidence may be used.</p>