**USE OF A COMPOUND MICROSCOPE**

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**State Standard**

**Standard**: 7.3S.1 Based on observations…that uses appropriate tools and techniques to collect relevant data.

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| Learning Target | \*\*Mastery | \*Advanced | \*Meets | Approaching | Beginning |
| **I CAN** correctly use a compound microscope to draw accurately detailed observations of specimens. | Use a compound microscope using all six Quick Steps and draw well-crafted accurately detailed observations of specimens.  \*\*(see below) | Use a compound microscope using five of the Quick Steps and draw accurately detailed observations of specimens. | Use a compound microscope using four of the Quick Steps and draw somewhat accurate and detailed observations of specimens. | Use a compound microscope using three of the Quick Steps and draw limited and unclear observations of specimens. | Use a compound microscope using less than three of the Quick Steps and was unable to draw or did not attempt to draw observations of specimens. |

The following statements are how to achieve \***Advanced** or \***Meets** for this Learning Target:

**** List 5 of the 6 “quick steps to remember” before using a compound microscope.

**** Identify parts of a microscope.

**** Draw an accurately detailed labeled scientific drawing of a specimen viewed through the compound

microscope.

To achieve \*\***MASTERY** for this Learning Target you need to achieve **Advanced** on the above checkboxes above **AND** be able to correctly and thoroughly complete the checkboxes below.

 List all 6 of the “quick steps” to using a compound microscope.

 Draw a well-crafted accurately detailed labeled scientific drawing of a specimen viewed through a

compound microscope.