

Life Science Grade 3 Lab Practical

Teacher's Answer Key

This is your chance to see how well your students have picked up on important key concepts, and if there are any holes. Your students also will be working on their homework assignment as you do this test individually with the students.

Materials:

- microscope
- slides
- cover slips
- 1 dry mount specimen, such as a thread
- 1 bumpy dry mount specimen, such as a coin
- 1 wet mount specimen, such as pond water
- tweezers
- an eye dropper

Lab Practical: Ask the student *Note: Answers given in italics!*

- Demonstrate the proper way to mount a copper penny. *(Student should put the penny on a slide with no cover slip, then clip the slide on the base. Student should then look at base while adjusting coarse adjustment knob, then look through eye piece while doing fine adjustment.)*
- Demonstrate the proper way to view pond water. *(Student should use eye dropper to put one drop of pond water on a slide. Student should then use tweezers to put a cover slip on one end of the drop, then carefully lower the cover slip onto the whole drop. Finally, student should gently press out any bubbles and use a paper towel to dab any excess water off of the slide.)*

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Student Worksheet

This is your chance to show how much you have picked up on important key concepts, and if there are any holes. You also will be working on a homework assignment as you do this test individually with a teacher.

Materials:

- microscope
- slides
- cover slips
- 1 dry mount specimen, such as a thread
- 1 bumpy dry mount specimen, such as a coin
- 1 wet mount specimen, such as pond water
- tweezers
- an eye dropper

Lab Practical:

- Demonstrate the proper way to mount a copper penny or a thread.
- Demonstrate the proper way to view a pond water sample.