

WRITING PROMPT

5

MICROWORLDS

Prompt

Make a story pyramid using the information found in this article. Illustrate your pyramid. (Use 7 line pyramid format.)

Note to Teachers: Read “Who Invented the Microscope” pages 32-33. See attached pyramid form.

Word Walls

*magnifiers
hand lenses
observations
properties
microscope
bacteria
lens
field of view*

Writing Standards

- E2a – Report Writing
- E2b – Response to Literature
- E2c – Narrative Account
- E2d – Narrative Procedure

Science Standards

- S1 Physical Sciences Concepts
- S2 Life Sciences Concepts
- S3 Earth and Space Sciences Concepts
- S7 Scientific Communication

Format: Story Pyramid

Line 1	one word	character
Line 2	two words	setting
Line 3	three words	problem
Line 4	four words	one event
Line 5	five words	one event
Line 6	six words	one event
Line 7	seven words	solution

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On Friday, you will be teaching a new 5th grader how to use a microscope. After you demonstrate how to use the microscope you want to leave the student with clear directions so he/she can practice on their own. Remember to use the signal words for order of explanation. Illustrate and label the steps you describe.

Word Walls

*lens
focus handle
mirror
clip
knob
stage
field of view
coverslips
slide
body
microscope*

Writing Standards

- E2a – Report Writing
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QUICK WRITES

GRADE 5

Microworlds

Lesson No.

- 1 *Describe the details you observed on the penny.*
- 2 *Describe one of the objects in detail that you observed. Use characteristic traits that were observable in the object. Do not name it.*
- 3 *Explain the properties that lenses have that allow them to magnify.*
- 4 *Explain the two ways to bring an object into focus.*
- 5 *Explain what you need to do to read the message on the microfiche.*
- 6 *Describe the process of how newspaper pictures are made.*
- 7 *Define the field of view when using an eye, a hand lens and a microscope.*
- 8 *Describe which specimen was most fun to look at and explain why.*
- 9 *Compare and contrast samples that you looked at today.*
- 10 *Make a poster that gives tips on how to prepare a slide properly.*

11 *From what you saw today, talk about why cells are compared to building blocks.*

12 *Make an illustrated prediction of what a volvox looks like. You may look at sample jar.*

13 *Make a drawing and write a description of one blepharisma you observed.*

14 *Describe the vinegar eels.*

15 *Describe the microbes. Include information on their size, shape, color and motion.*

WORD WALL

Microworlds

penny	focus handle	well slide
magnifiers	lens	depression slide
hand lenses	stage	flat slide
head	clip	coverslips
tails	mirror	forceps
observations	knob to move mirror	volvox
properties	microfiche	green algae
inference	field of view	flagella
opinion	micrometer	flagellates
microscope	microscope field	euglena
body	wet-mount slides	blepharisma
ciliates	cilia	paramecium
vinegar eel	unpasteurized	pasteurized
decompose	sterilized	bacteria
decomposition	spontaneous generation	