Microscope Notes

1. What do you need to know about microscope care and use?
	1. ALWAYS carry the microscope with \_\_\_\_\_\_\_\_\_\_\_\_\_ hands.
	2. Only clean the lenses with \_\_\_\_\_\_\_\_\_\_\_\_\_ paper.
	3. NEVER force \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
	4. Store \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
	5. Start on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ objective.
	6. Focus with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ knob first.
	7. NEVER EVER try to use the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ lens without teacher direction!!!!!
2. How do you calculate the power of magnification?
3. Calculate the power of magnification for each objective lens.

|  |  |  |
| --- | --- | --- |
| Objective Power | Eyepiece Lens Power | Power of Magnification |
| 4 |  |  |
| 10 |  |  |
| 40 |  |  |

1. What happens to your view of an image as you increase the power of magnification?
2. Why can’t you use the largest objective for some slides?

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Objective Lens

Same as #3

Same as #3