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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

The Compound Microscope

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1  L |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | O |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | W |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 2  C |  |  |  | P |  |  |  |  |  |
|  |  |  |  |  | 3  A |  |  |  |  | O |  |  |  | O |  | 4  C |  |  |  |
|  |  |  |  |  | R |  | 5  N |  |  | A |  |  |  | W |  | L |  |  |  |
| 6  M | E | 7  D | I | U | M | P | O | W | E | R | O | B | J | E | T | I | V | E | S |
|  |  | I |  |  |  |  | S |  |  | S |  |  |  | R |  | P |  |  |  |
|  |  | A |  |  | 8  E | Y | E | P | I | E | C | E |  | O |  |  |  |  |  |
|  |  | P |  |  |  |  | P |  |  | A |  |  |  | B |  |  |  |  |  |
|  |  | H |  |  | 9  M |  | I |  |  | D |  |  |  | J |  |  |  |  |  |
|  |  | R |  | 10  F | I | N | E | A | D | J | U | 11  S | M | E | N | T |  |  |  |
|  |  | A |  |  | R |  | C |  |  | U |  | T |  | C |  |  |  |  |  |
|  |  | G |  |  | R |  | E |  |  | S |  | A |  | T |  |  |  |  |  |
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|  |  |  |  |  | R |  | 12  B | A | S | E |  | E |  | V |  |  |  |  |  |
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|  |  |  |  |  |  | 13  B | O | D | Y | T | U | B | E |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 14  H | I | G | H | P | O | W | E | R | O | B | J | E | C | T | I | V | E |  |

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| **Across**  **6.** Magnifies 100 times (yellow)  **8.** To look through, magnifies 10 times  **10.** Smaller nob used for focusing image  **12.** Supports the microscope  **13.** Connects the eyepiece to the objectives  **14.** Large zoom, magnifies 400 times (blue) | **Down**  **1.** 40 times magnifies (red)  **2.** Bigger knob used to raise or lower the stage  **3.** Used to carry the microscope  **4.** Holds slide in place  **5.** Rotates the objectives, changes the power  **7.** Allows different amounts of light  **9.** Illuminates the specimen, also called light source  **11.** Platform with slide with specimen, holds it |