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| After learning about refraction and reflection, test each of the following tools.  Explain your observations in terms of **scientific understanding about light**. | | |
| **Mirror**  Look at yourself through the mirror  Look at an item in a different location through the mirror | **Magnifying Glass**  Look at an item close by and far away  Modify the distance from your eye and the object | **Water Bowl**  Look at a pencil out of the bowl  Look at a pencil in the bowl |
| **What do you notice?** | **What do you notice?** | **What do you notice?** |
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| **Why does this happen?** | **Why does this happen?** | **Why does this happen?** |
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| What questions do you still have? | | |