Magnifying magic

**Year 6**

1. Find the secret message at the bottom of the page.
2. Hold the piece of plastic about 5cm away from the page and look at the secret message through it. Describe the size of the writing and how easy it is to read. Draw a diagram of your observations.
3. Now carefully place a drop or two of water on the piece of plastic. Take care that the water stays together.
4. View the secret message through the drop of water, again holding the plastic about 5cm from the page, and describe/draw what you can see.
5. Now view the secret message through the magnifying glass, again holding it about 5cm from the page.
6. Remember to draw and describe the shape of each item you look through—the flat plastic, the drop of water (when viewed from the side) and the magnifying glass. HINT: focus on the shape of, for example, the magnifying glass lens, not the shape of the whole magnifying glass.

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| **Item** | **Describe/draw the shape of what you’re looking through** | **Describe your observations**  | **Diagram of observations** |
| Plastic |  |  |  |
| Drop of water |  |  |  |
| Magnifying glass |  |  |  |

Secret message: Science is cool!