

Disclosure 2

It is just outside Amsterdam, Holland, in the year 1672. Your apprentice team in **Antoine Van Leeuwenhoek's** workshop has had an interest in the workings of lenses for quite some time. Hooke's article has caught the attention of your employer, Van Leeuwenhoek, and he would like to explore this **cell theory**.

Van Leeuwenhoek's latest achievement is the **compound lens microscope**. His tinkering with glass processing has led to the development of lenses for microscopes. These lenses bend light to create a **magnified image**. With this microscope, Van Leeuwenhoek postulates the team can advance Hooke's findings.

Van Leeuwenhoek has charged the team with using this technology **to design and execute an experiment** that will build upon Hooke's findings and **show that organisms are made up of living cells**. Your team will be using **onion cells and pond water** and will need **a strong hypothesis statement** to be tested. Van Leeuwenhoek is known **for strictly adhering to the scientific method** in all his experiments.

Yellow- Things to research.

Green- Things to make.

Magenta- Things to include in made things.