**Working from home in science – Mrs Eyre**

**Thursday 25th June**

Hello all, this is for everyone!

Our scientist of the week is Maria Sibylla Merian, the woman who turned science into art. Watch this video and/or read the word document to find out why she is considered to be such an amazing role model and scientist.

<https://www.youtube.com/watch?v=HObBdRBuV_0&safe=active>



Be a ‘Maria Sibylla Merian style’ science ambassador and take a sketch pad and pencil outside. Find some interesting natural science to sketch. Try to observe objects very closely and include minute detail in your drawings.

**Y3/4 Why do we need bees?**

Bees play an important role in pollinating flowers. Watch these videos to find out more.

<https://www.youtube.com/watch?v=6CxCTyxRFh0&safe=active>

<https://www.youtube.com/watch?v=Lu7AjOvznh8&frags=wn&safe=active>

How do bees pollinate flowers?

Why is pollination important?

What other creatures pollinate plants?

How are fields of crops, like wheat, pollinated?

Choose a pollinator (other than bee) and show, using drawings and labels, how it is an important part of the plant’s life cycle.

**eg**

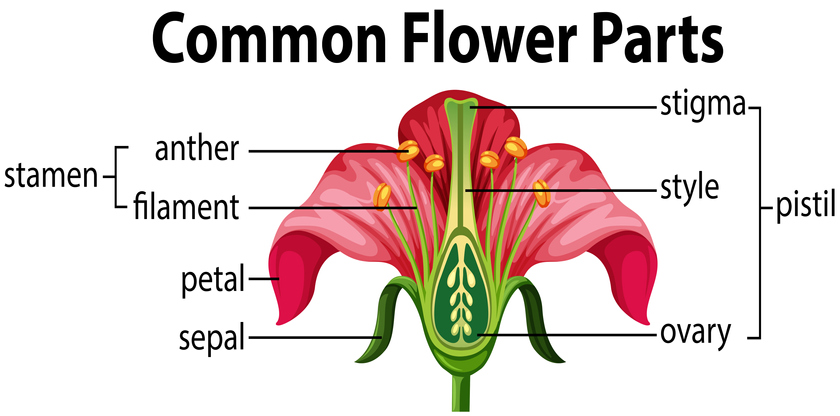
**Y5/6 What are the mechanics of pollination?**

Watch these videos about pollination.

<https://www.sciencelearn.org.nz/resources/77-pollination-and-fertilisation>

<https://www.youtube.com/watch?v=YqM6rgB_l_o>

<https://www.youtube.com/watch?v=KMQtLWpAdXI>

The diagram below shows the common flower parts, necessary for pollination. Take a moment to learn the names and functions of the different parts.

Look at flowers in your garden/locality and see if you can identify these parts on different flowers. Ask a grown up if it is safe/appropriate to pick a flower to dissect it and look more closely. Remember they may be poisonous.

Make a detailed labelled diagram of your flower, explaining what each part of the flower is and its role in pollination.