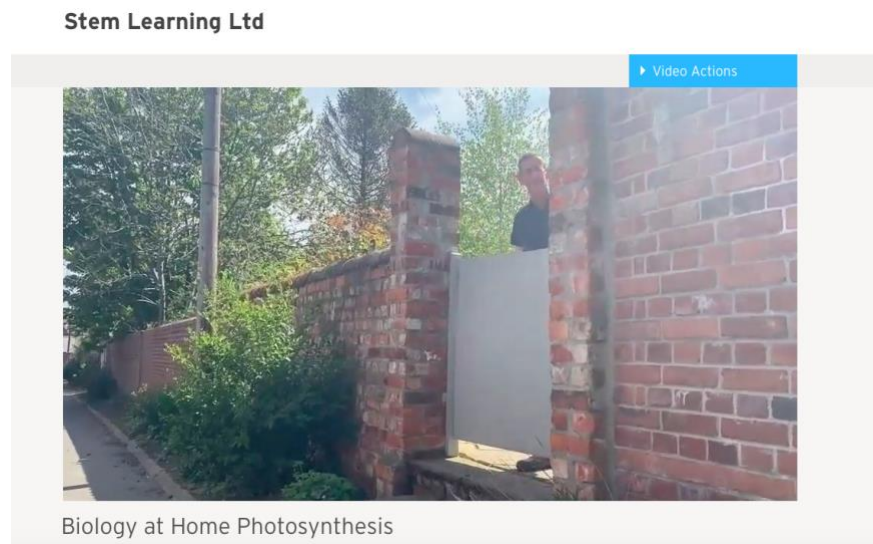


Science Instructions

Watch the video about photosynthesis

<https://stemlearning.wistia.com/medias/xzw7wc6tq2>



This is the video.

Challenges

Carry out a science investigation like ones that Alan mentions in the video. Is there a connection between size of leaf and whether it grows in the shade or full light?

What can you investigate about photosynthesis in your own garden?

Draw a diagram of a leaf (called a cross-section) showing all the cells, just like the one drawn by Ruby, and the holes on the underside called stomata. Try to imagine what is moving into and out of the leaf during the day and during the night. The two reactions; photosynthesis and respiration will help you here. Try finding out what people in your house think of this before making up your mind and then sharing with others.

