

Watch the video <https://stemlearning.wistia.com/medias/3hylv5hccl>

Complete the activity below – you will need to use your allocated outdoor time to test this

Activity 1: SPOT THE MOTH

- Choose a surface such as a wall, a tree trunk, a fence or any other vertical surface.
- Using the template below, design a moth which will be camouflaged against this surface. Use paints, crayons or felt tips to create suitable colouring and patterns OR use things in the environment to decorate it.
- Attach the completed moth to the surface.
- Stand as far away from the surface as possible, and then walk closer and closer until you spot the moth. Measure the distance to the moth when you spot it.
- Repeat with other moths.
- The moth with the shortest distance is most likely to survive, as a predator has to be really close up before it is spotted. Look carefully at the camouflage. Why was it successful and how does it compare to real moths?

