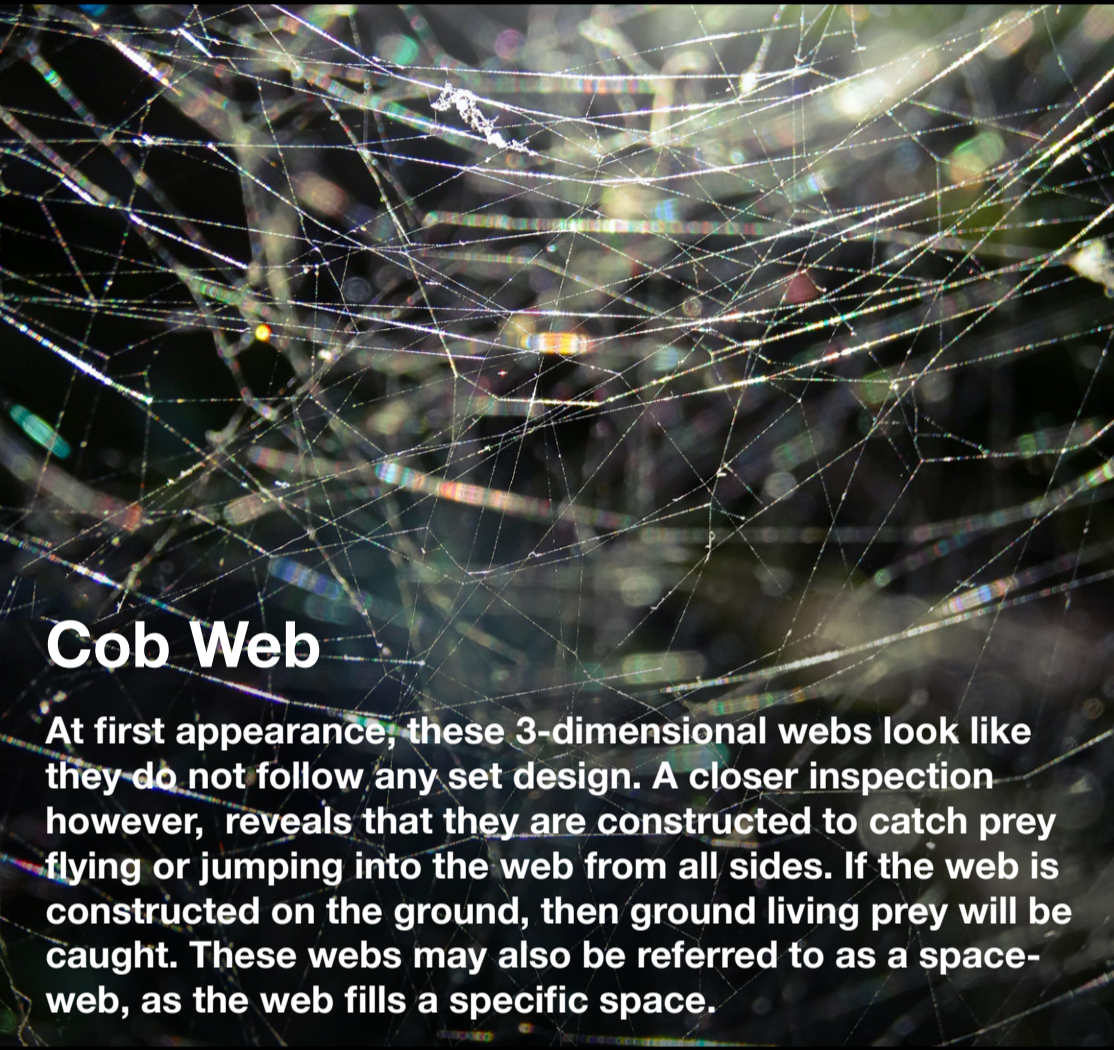
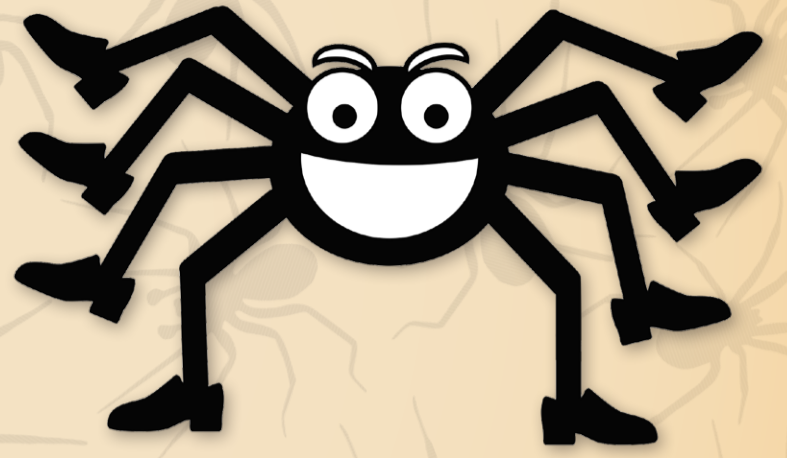


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Spider Nature Explorer

Types Of Webs



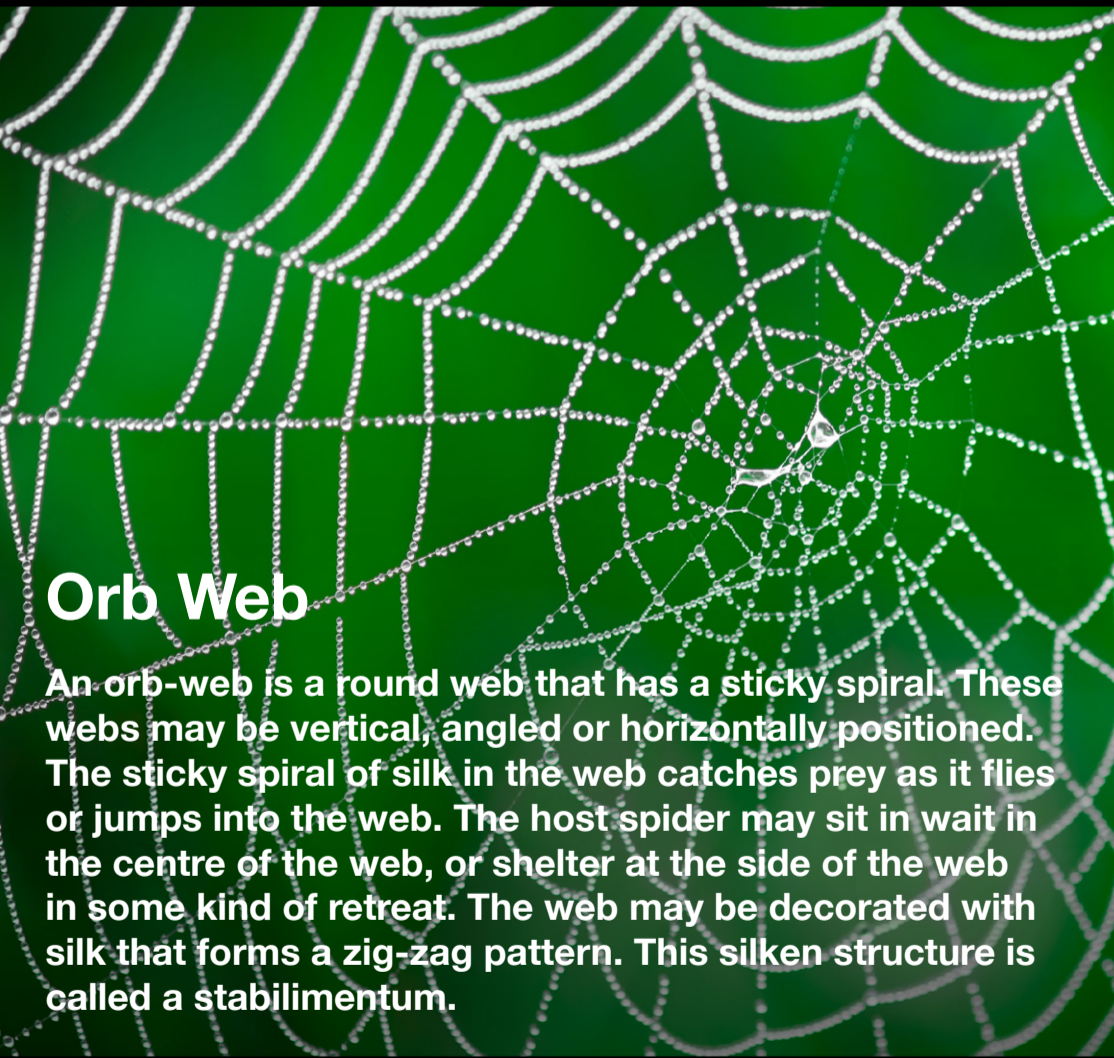
Cob Web

At first appearance, these 3-dimensional webs look like they do not follow any set design. A closer inspection however, reveals that they are constructed to catch prey flying or jumping into the web from all sides. If the web is constructed on the ground, then ground living prey will be caught. These webs may also be referred to as a space-web, as the web fills a specific space.



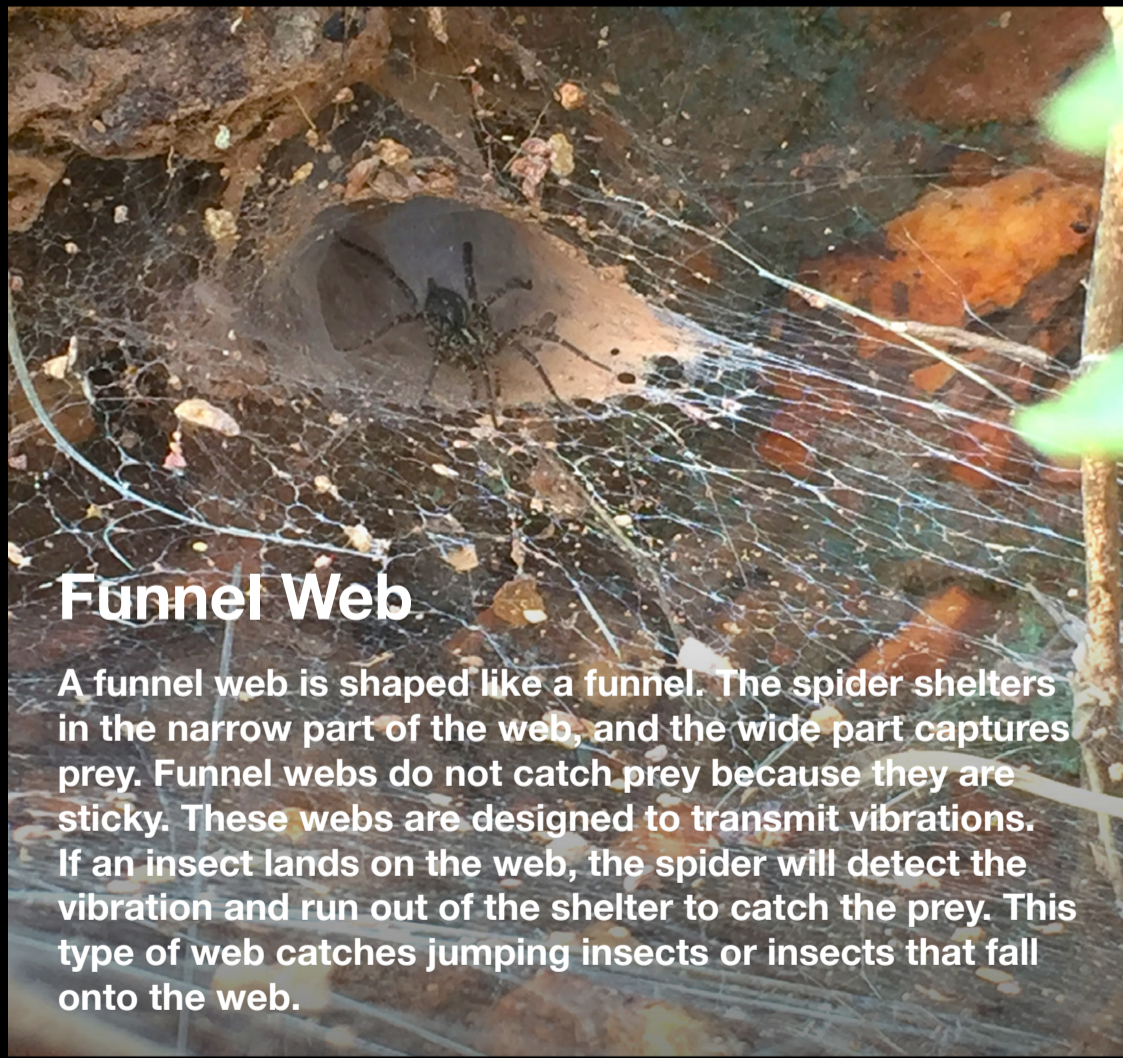
Sheet Web

Sheet-webs consist of a sheet of silk that catches prey. These types of webs often have knockdown threads above the sheet. As an insect flies into the web, it hits the knockdown threads and falls onto the sheet. The spider runs up to the prey and captures it.



Orb Web

An orb-web is a round web that has a sticky spiral. These webs may be vertical, angled or horizontally positioned. The sticky spiral of silk in the web catches prey as it flies or jumps into the web. The host spider may sit in wait in the centre of the web, or shelter at the side of the web in some kind of retreat. The web may be decorated with silk that forms a zig-zag pattern. This silken structure is called a stabilimentum.



Funnel Web

A funnel web is shaped like a funnel. The spider shelters in the narrow part of the web, and the wide part captures prey. Funnel webs do not catch prey because they are sticky. These webs are designed to transmit vibrations. If an insect lands on the web, the spider will detect the vibration and run out of the shelter to catch the prey. This type of web catches jumping insects or insects that fall onto the web.

The Spider Nature Explorer is written in a simple and easy to understand language. Suitable for all faiths and aligned to the Cambridge and CAPS curriculum, making it ideal for home schools. There are multiple choice questions, speech assignments, practical field work activities, presentation assignments and fun puzzles. It has been written to be used while on holiday in a national park or game reserve, or at home in your back garden. Visit www.Scorpions.co.za/nature-explorer for free downloads.



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