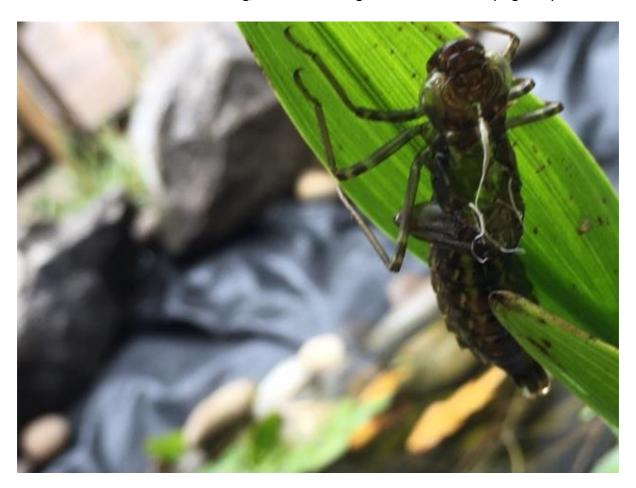
## Oak Tree Federation Nature Detectives. 03.07.2020

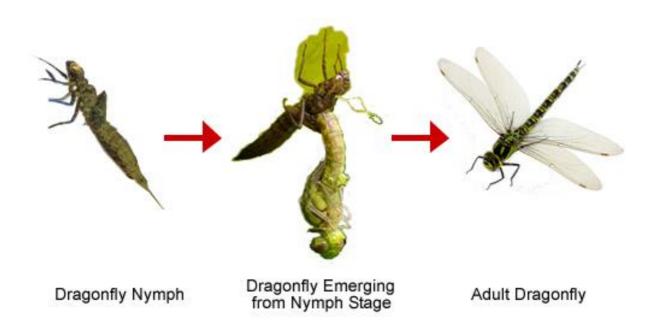
Good afternoon everyone,

Our weather keeps changing, but with change comes opportunity. The recent stormy weather has blow leaves from trees. You can use these leaves to form some great art. You can draw a tree and cover it with real leaves, make a leaf collage or make your own tree identification book using dried leaves. See what you can make and send me a photo.

What is this alien looking creature? It has just crawl from a pond and is drying. Well done to Luke P, who got this. It is a Dragonfly larvae. The larvae has undergone a metamorphosis, which means change, and becomes a dragonfly inside the shell of the larvae. The dragonfly then breaks out of the larvae casing, unfolds it's wings and dries before flying away.



Dragonflies lay their eggs in ponds, which hatch into nymphs. The nymphs live in the pond for between 1 and 5 years depending on the particular type of dragonfly.



What can you see in these photos? Why are these creatures on these plants?



The answer to the Cryptic Quiz was Beaver. The Sussex Wildlife Trust are about to release beaver into the wild again in West Sussex, on the river Adur, in a nature reserve. Beavers were hunted to extinction in the UK. People hunted them for their fur which keeps the beaver warm and dry even on the coldest of days. Beavers have one of the densest (thickest) furs in the animal kingdom with 10,000 hairs per square cm!!! You have about 350. Here is a beaver with a sapling it has cut down. They use the trees to dam a stream and build their home, which is called a lodge.



Here is a photo from Luke P of a tree face in his garden.



Cryptic Quiz.
I'm yellow and black
I only eat Ragwort
I have been introduced into North America and Australia. Why?

I have 3 distinct stages of life, starting with an egg and in the end I can fly. You may have seen me somewhere recently?

Please email me at:

asidebottom@laughton.e-sussex.sch.uk

Thank you to everyone who have sent in answers and photos. Keep up the good work and enjoy the wonderful nature that's all around us.

Have a great week. Take care Mr Sidebottom