

Name: \_\_\_\_\_

## Theme Based Study Sheet

### Dragonfly facts

A dragonfly is an insect.

They have an elongated body with two sets of transparent wings, three pairs of legs and very large eyes.



Some dragonflies can fly over 50 km/h.

They can fly like a helicopter, moving in all directions, forward, backward, up and down, as well as hovering.

Dragonfly eyes contain up to 30,000 individual lenses. Human eyes only have one lens.

There are fossilized records of dragonflies that are over 300 million years old.

Dragonflies feed on insects like mosquitoes, gnats, midges and ants.

Adult dragonflies live near water such as streams, lakes and ponds.

Do you know any more facts about dragonflies?

### Extension research

Lifecycle of a dragonfly

Dragonflies have three stages in their life cycle: egg - larva (nymph) - adult.

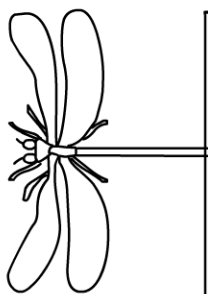
The larvae live in streams, lakes and ponds among plants and rocks. Most of their life is spent in the larval nymph stage underneath the water surface.

On a large sheet of paper, illustrate and write about the lifecycle of a dragonfly.

### Parts of a dragonfly

Draw a diagram of a dragonfly and label:

- wings (forewings and hindwings), abdomen, head, thorax and legs.



### Plurals

To make a plural for nouns ending in "y", and the letter before the "y" is a consonant, change the "y" to "i" then add "es".

For example: dragonfly - dragonflies

If there is a vowel before the "y", just add "s".

For example: toy - toys

Write the correct plural for the following nouns:

butterfly	canary	turkey
boy	pulley	lady
pony	valley	city

### Number Crunchers

From the time a dragonfly egg hatches, it can live anywhere from six months to six years, but only about two months as an actual dragonfly.

If a dragonfly lived for 5 years.

How many months is that?

A dragonfly after it hatched, only spent 2 months out of 5 years as an actual dragonfly.

Which fraction represents this?

$\frac{2}{5}$   $\frac{5}{60}$   $\frac{2}{12}$   $\frac{6}{60}$   $\frac{2}{60}$

If a dragonfly flaps its wings at 30 beats per second, how many beats does it flap:

- in 10 seconds?

- in 20 seconds?

- in 1 minute?



For more fun and revision you can play games online using Studyladder's website.