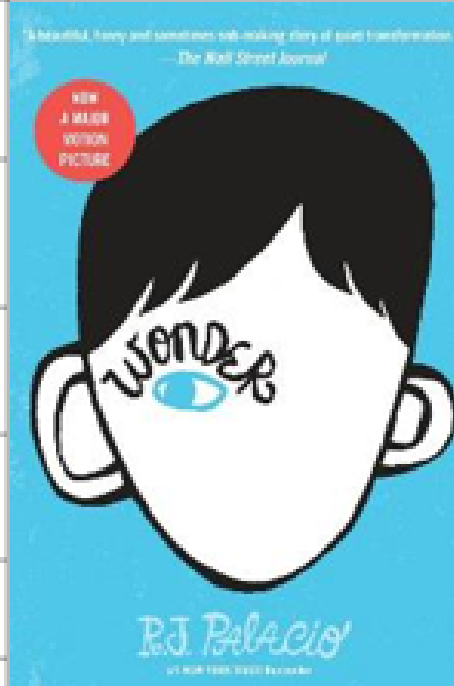


# Year 6: Evolution & Inheritance Knowledge Mat

## Subject Specific Vocabulary

|                 |   |
|-----------------|---|
| off-spring      | When living things reproduce they pass on characteristics to their <b>offspring</b> . All living things produce <b>offspring</b> of the same kind, but normally <b>offspring</b> are not identical to their parents |
| adaptation      | <b>Adaptation</b> is the process by which animals, plants and other living things have changed so that they better suit their habitat.  |
| evolution       | <b>Evolution</b> is the theory that all the kinds of living things that exist today developed from earlier types.   |
| inheritance     | When living things reproduce they pass on characteristics to their offspring. This is known as <b>inheritance</b> .   |
| palaeontologist | A palaeontologist is someone studying the life of past geological periods as known from fossil remains  |
| Charles Darwin  | Charles Darwin was an English scientist who studied nature. He is known for his theory of evolution   |
| genes           | Genes that are passed on to you determine many of your traits, such as your hair colour and skin colour.  |
| chromosomes     | Chromosomes are tiny structures inside cells made from DNA and protein.   |
| syndrome        | A syndrome is a genetic condition which can affect learning and physical features.  |
| genotype        | A genotype refers to a particular gene or set of genes carried by an individual.  |

## Interesting Book



## Sticky Knowledge about evolution & inheritance

- ☐ Evolution is a scientific theory used by biologists. It explains how living things change over a long time, and how they have come to be the way they are
- ☐ We know that living things have changed over time, because we can see their remains in the rocks.
- ☐ We know that the animals and plants of today are different from those of long ago.
- ☐ Evolutionary questions are still being actively researched by biologists.

