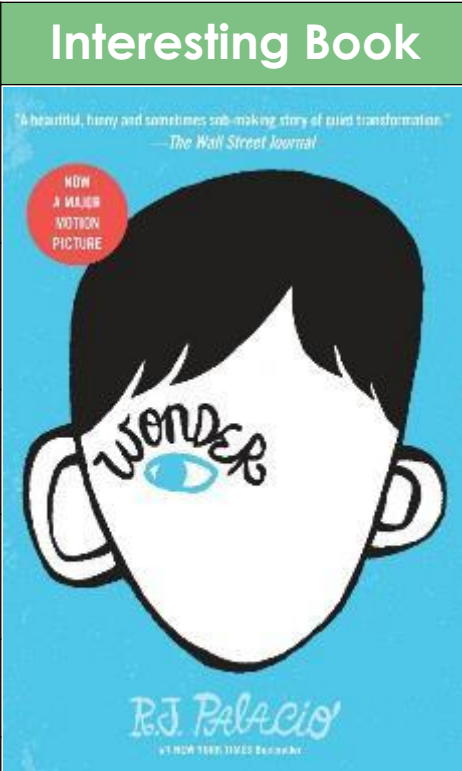


Year 6: How do plants and animals adapt to survive?

| Subject Specific Vocabulary | |
|-----------------------------|---|
| off-spring | When living things reproduce they pass on characteristics to their offspring. All living things produce offspring of the same kind, but normally offspring are not identical to their parents |
| adaptation | Adaptation is the process by which animals, plants and other living things have changed so that they better suit their habitat. |
| evolution | Evolution 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 inheritance. |
| 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. |



- ### Sticky Knowledge about evolution & inheritance
- Evolution is a scientific theory used by biologists. It explains how living things changed 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.

