

# WHY DOES A CHAMELEON CHANGE COLOUR?

## WITH THE NAME OF ALLAH, MOST GRACIOUS, MOST MERCIFUL.

"And so amongst men (humans) and crawling creatures and cattle, are they of various colours. ..."

--- Sura al-Fatir (ch. 35): verse 28

In life we find that our Rabb has made things of many different colours.

In the animal world, the chameleon is very interesting.

A green chameleon moves from a leafy tree onto a bare branch. As it moves, its skin gradually changes colour from green to brown. This helps it to hide.

The chameleon waits patiently for an insect to pass by. It will catch the insect unawares with its sticky tongue.

The chameleon changes colour in a special way. Tiny spots of colour called pigment move about inside its skin. The spots may be red, black, white, or yellow. If white spots move up in the skin, it seems to grow pale. If black spots move up, then the skin grows darker.

As a matter of interest, the chameleon's eyes swivel backwards and forwards.

It can see behind with one eye and, at the same time, look forward with the other eye!

All praise to our Rabb who has given each created thing its own gifts!

## Worksheet

1) How does the chameleon change its colour?

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