

Ensures  
a smooth  
transition to the  
**higher classes**



# ICSE Living Science **Biology**

**6**



## Enriched with

- concept maps
- application-based questions
- skill-based questions
- science in action
- activities and projects
- in-text questions

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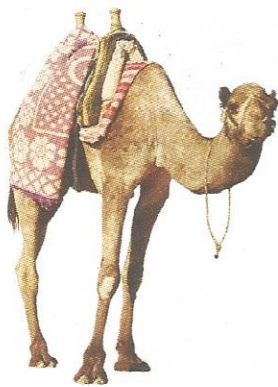


Fig. 9.9 Camel is used as a means of transport.

**Leather** The hide or skin of domesticated animals is used to produce leather, which has a wide range of use. Leather is used in making jackets, shoes, belts and so on.

### Transportation and agricultural activities

Even before the invention of the wheel, human beings have been using animals for transportation. Horses, mules, donkeys and even elephants are used to carry loads. A camel, also called the **ship of the desert**, is used as a means of transport even today (Fig. 9.9). A bullock is an important animal for farmers as it is used in many agricultural activities, the main being the ploughing of fields.

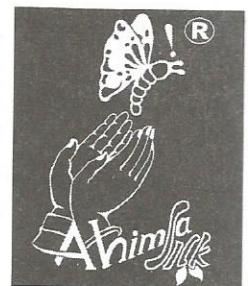
### Science in ACTION



#### AHIMSA SILK: THE NON-VIOLENT WAY OF PRODUCING SILK

Silk yarn is traditionally obtained by putting the cocoons along with the developing moths into boiling water. In the process, the moths are killed.

As many as 50,000 silk moths are killed to get enough yarn to weave a normal five and half metre silk sari. For years animal lovers have opposed this practice. Kusuma Rajaiah, a textile technologist in Hyderabad, has devised a non-violent way of obtaining quality silk without killing the moths. Rajaiah's unique technique allows the moths to develop and fly away after cracking the cocoon. Once the moths have flown, the silk thread is extracted from the cocoons. The silk obtained is smoother than that obtained by the traditional silk method. Rajaiah has named this Ahimsa silk as a homage to Mahatma Gandhi, who had once asked the Silk Board of India to explore ways of producing silk without killing the moths.



### Weblink

www.



To know more about some useful plants, visit [rsgr.in/icb6-6](http://rsgr.in/icb6-6)

### CHECK YOUR PROGRESS



#### Fill in the blanks.

- 1 Oxygen needed by us for respiration is released by plants during \_\_\_\_\_
- 2 Plants like sugarcane and \_\_\_\_\_ provide sugar.
- 3 Wool is obtained by \_\_\_\_\_ which means shaving off the hair of sheep.
- 4 The caterpillars that produce silk thread are also called \_\_\_\_\_
- 5 A \_\_\_\_\_ is also called ship of the desert.