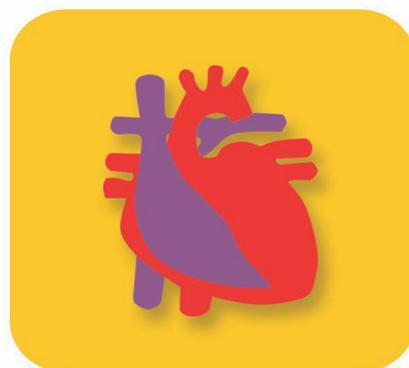
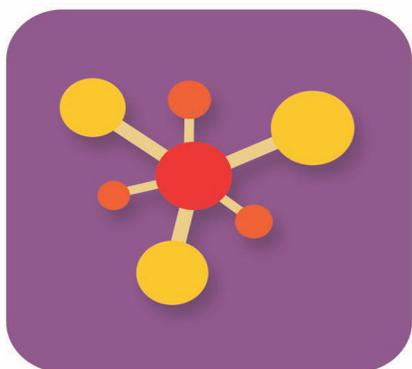


# OSWAAL CBSE Laboratory Manual Science



## Class 6

### Highlights

1. Strictly as per the latest CBSE and NCERT guidelines.
2. Includes Activities / Experiments specified in NCERT textbooks.
3. Brief description of each Activity / Experiment given as 'Theoretical Concepts'.
4. Group Activities & Projects to facilitate collective efforts and extension of learning to real life situations.
5. Extra Practice Questions given after each activity as 'Viva Voce'.

 **OSWAAL**  
**LABORATORY**  
**MANUAL**  
**in**  
**SCIENCE**

**Class**  
**6**

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## PREFACE

CBSE always believe in Global Trends of Educational Transformation. The CBSE curriculum gets its lead from National Curriculum Framework – 2005 and Right to Free and Compulsory Education Act – 2009. As said by John Holt “We learn to do something by doing it. There is no other way” is very true and this is the reason why CBSE has incorporated Laboratory Practicals as a part of curriculum of class 6 to 8, so that students can perform what they learn in their classrooms.

The Laboratory Manuals for Classes 6 to 8 have been developed so as to supplement the need of the students to prepare for laboratory work/project work and learn concepts in with more accuracy and depth.

This Laboratory Manuals include all Projects, Activities and Experiments as specified in latest CBSE curriculum. At the end of every activity Viva Voce questions have been given for extra practice. Projects have been added to facilitate collective efforts and extension of learning to real life. Some brain teasers have also been added with answers and hints for practice.

These books are strictly according to the latest CBSE guidelines, and contain more than sufficient Viva Voce questions, which help students in practicing and completing the Laboratory work. All activities and experiments are always checked twice. Since we believe in continuous improvement, hence this book has been written with accuracy as well as updated as per CBSE guidelines and reviewed at different tiers by panel of experts.

We are sure that this book will serve as a perfect teaching guide for the teachers and a wholesome Laboratory Manual for the students. It is expected that they will take full advantage of our knowledge and experience.

At last we would like to thank our authors, editors, reviewers and specially students who regularly send us suggestions which helps in continuous improvement of this book and makes this book stand in the category of “One of the Best”. Wish you all Happy Learning.

*–Publisher*



# Chapter 1

## FOOD-WHERE DOES IT COME FROM

### Let's Revise

**Food variety :** There is a lot of variety in the type of food that we eat. For example, we commonly consume rice, *chapati*, *dal*, many vegetables, and fruits.

**Ingredients :** The materials that are required to prepare a food item are known as the ingredients of that food item. For example, pulses, water, salt, oil/ghee, spices are required to prepare *dal*. Therefore, all these are the ingredients of *dal*.

**Sources of food materials :** Various food materials are obtained from either plant or animal sources.

**1. Plant sources :** Food materials such as wheat, rice, vegetables, and fruits are obtained from plants.

**2. Animal sources :** Food materials such as milk, eggs, meat, pork, honey, etc. are obtained from animals. Cows, goat, buffaloes, etc. give us milk. Honey is obtained from honey bees.

**Parts of plants as food :** Food items such as strawberry, tomato, chilli, brinjal, etc. are obtained from fruits. Food items such as turnip, potatoes, etc. are obtained from roots. Food items such as cabbage, spinach, are obtained from leaves.

**Eating habits of animals :**

- Animals such as deer, goat, rabbit, etc. that eat plants only are known as **herbivores**.
- Animals such as lion, tiger, lizard, etc. that eat other animals only are known as **carnivores**.
- Animals such as pig, dog, etc. that eat both plants and animals are known as **omnivores**.



### Activity 1

#### Aim

Choose few food items and write what ingredients are used to prepare these. List them in Table give below. One example is given here.

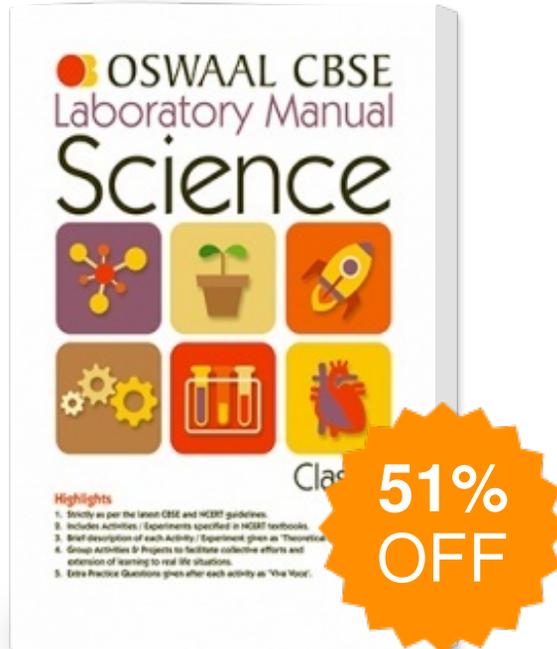
Food items and their ingredients

Food item	Ingredients
Chapati	Wheat flour and water

**Conclusion :** Different ingredients are used to prepare different food items.



# Oswaal CBSE Laboratory Manual For Class 6 Science



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