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Changing your Tomorrow

# PHYSICAL AND CHEMICAL CHANGES

SUBJECT-CHEMISTRY

CHAPTER NO- 2

Physical and chemical changes-chemical change-characteristics and examples

PERIOD-5

# LEARNING OBJECTIVE

Students will be able to

- Understand the meaning of chemical change
- Familiarize with the characteristics of chemical change
- Sensitize different examples of chemical change

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# WARM UP QUESTIONS

Recapitulation of the previous topic by asking following questions

- Differentiate between physical and chemical change
- What do you mean by condensation point, melting point and boiling point ?

# Chemical Changes

The chemical property of a substance is those characteristic of a substance that describes its chemical nature.

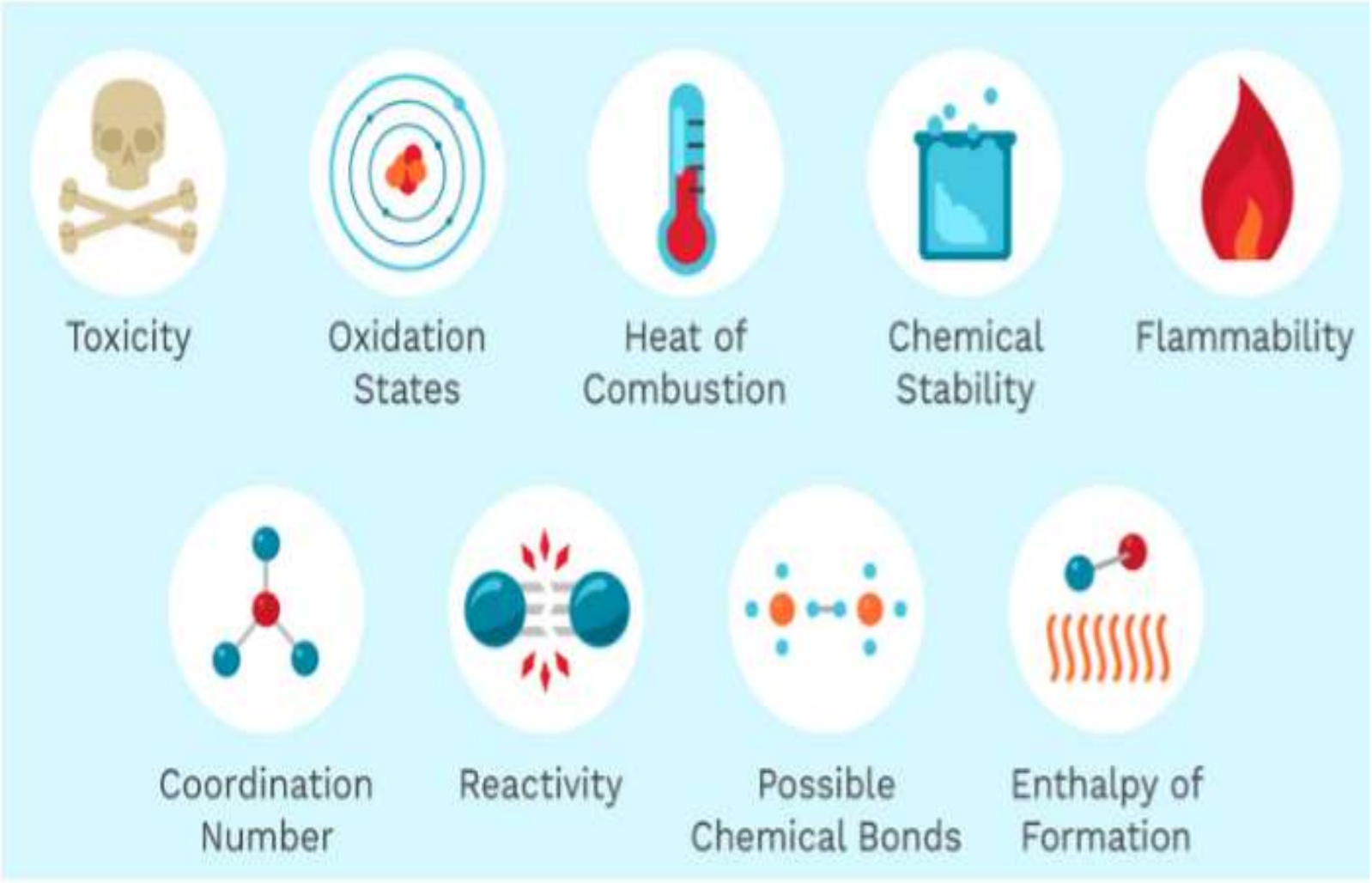
Metal rusting

Candle burning

Bananas turning brown

Fire extinguisher foaming

➢ Some chemical properties are given below



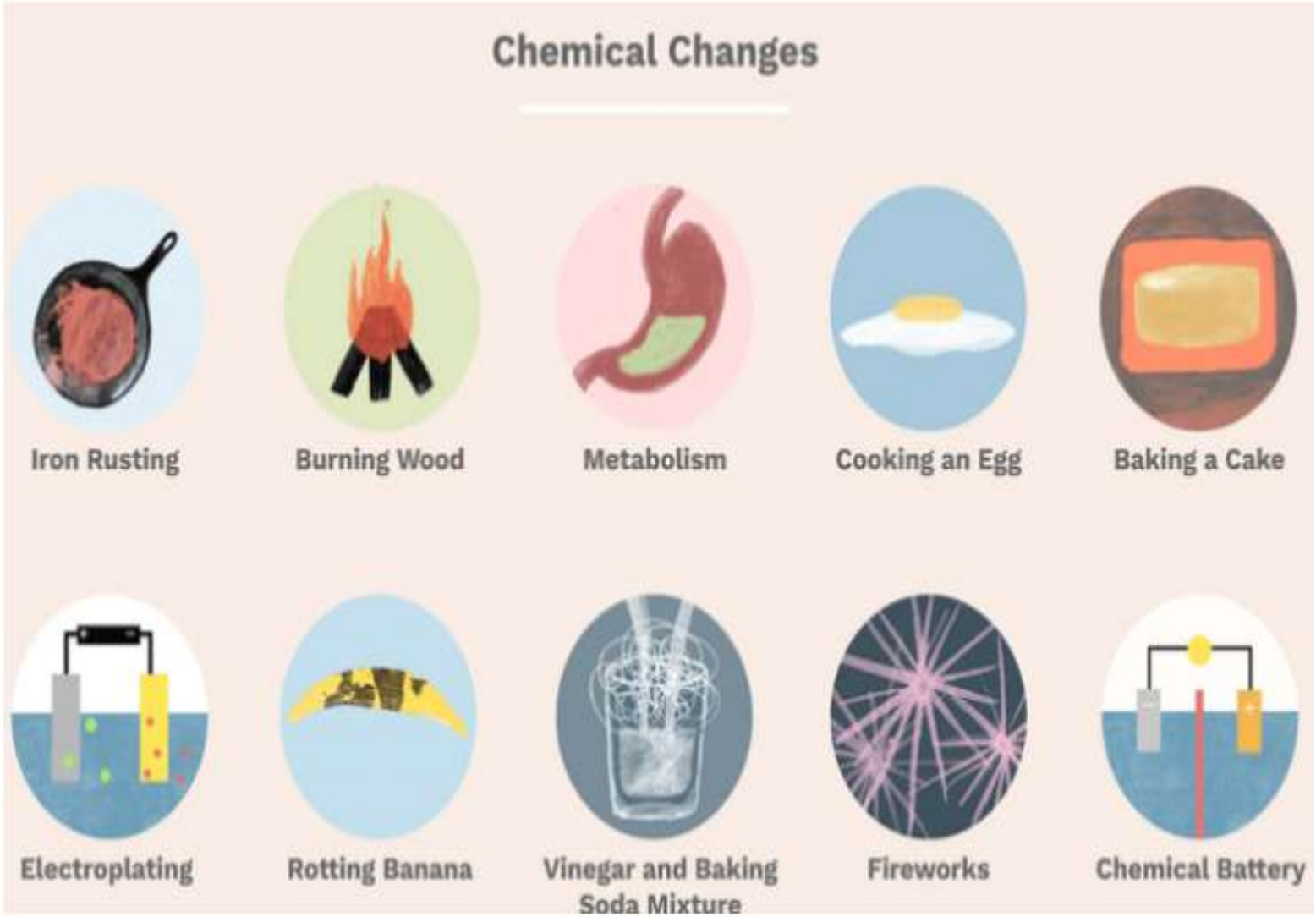
Show a video for better understanding of the concept

https://youtu.be/yIJ2qnUOOwQ

# Characteristics of Chemical Changes

- During a chemical change, one or more new substance are formed.
- Chemical changes are permanent. Thus, a chemical change cannot be reversed by simple physical methods.
- During a chemical change, relatively larger amount of heat, light or any other radiation may be given out or absorbed.
- During a chemical change, both the physical and chemical properties of a substance are changed.

# Examples of chemical changes



# HOME ASSIGNMENT

- Exercise-8,9
- Write the characteristics of chemical changes
- Give some examples of chemical changes

**THANKING YOU**

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