

## **Self-study sheet – 02**

### **Topic – Reflection and refraction of waves.**

### **Lesson – Reflection of sound.**

After study this lesson you,

- \* Do small activities to demonstrate reflection of sound.
  - \* State echo and reverberation are result of sound reflection.
  - \* Suggest methods use to prevent reverberation.
1. At first read the page 69 and 70 in your science part II text book.
  2. Do activity 14.8.
  3. Explain reflection of sound.
  4. Read page 71 and do activity 14.9 (State about 17 m apart from the obstacle).
  5. Explain “Echo”.
  6. Do the assignment 14.5 on the page 72.
  7. Read the extra knowledge of page 72 and do exercises.

After that study page 73 and 74,

1. Explain reverberation.
2. State the methods used to prevent reverberation.
3. Mention the instances where reverberation is used.
4. Read the extra knowledge of page 74 and 75.

**As an extra activity,**

- \* Read the page 93, 94, 95 in grad 11 text book part I.
- \* Use the internet and find information related to sound reflection.  
([https://www.toppr.com/?utm\\_sours=guides](https://www.toppr.com/?utm_sours=guides))