

**ACTIVITY 1:** Read the questions and choose the correct answer.

1. How sound is created?
  - a) When something vibrates
  - b) When we sing
  - c) When I put on earphones
2. How sound travels?
  - a) In an airplane
  - b) Through the light
  - c) Through waves of energy (vibrations)
3. Answer true or false: The sound travels through solid, liquid or gas.
  - a) True
  - b) False
4. Sound changes depending on:
  - a) The weather
  - b) How fast or slow an object vibrates.
  - c) How the sound moves.
5. Answer true or false: Sounds are usually a mixture of lots of different kinds of sound waves.
  - a) True
  - b) False
6. Is the highest part of a wave: \_\_\_\_\_
7. Is the middle part of a wave: \_\_\_\_\_
8. Is the distance between crest and crest: \_\_\_\_\_
9. Is the lowest part of a wave: \_\_\_\_\_
10. Is the distance between the crest and the node: \_\_\_\_\_
11. The Solids particles are able to flow:
  - a) True
  - b) False
12. The gasses particles are far apart:
  - a) True
  - b) False
13. The liquid particles are rigidly bonded:
  - a) True
  - b) False

**ACTIVITY 2:** Label the sound wave diagram with the correct name.

