

Will sea levels change?

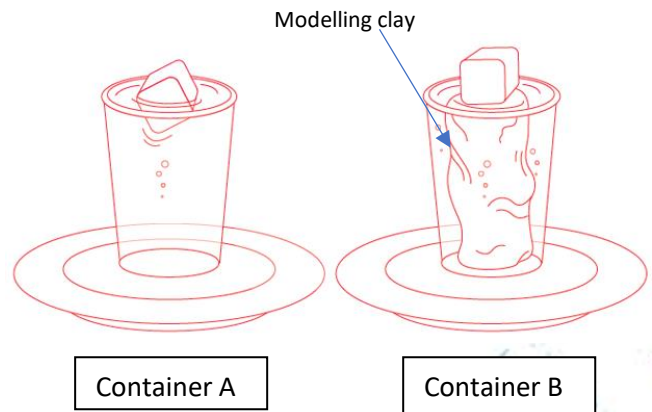
Prediction:

What do you think will happen to sea levels when

- (a) the ice melts and
- (b) explain whether you think the melting of sea ice will have a different effect on sea levels to the melting of land ice?

Equipment:

- 2 ice cubes
- 2 glasses
- 1 tray
- 1 lamp (optional)
- Modelling clay/plasticine
- Water



Container A: place ice cube in glass and fill to top with water.

Container B: place ice cube on top of modelling clay, level with top of glass. Now fill glass with water

While waiting on the ice to melt answer the following questions.

(You may use the lamp/hair dryer to speed up the melting if needed.)

1: Circle the type of ice that you think is in container A.

Sea ice

land ice

2: Circle the type of ice that you think is in container B.

Sea ice

land ice

3: Explain what you expect to happen in container A, with the ice cube and water level.

4: Explain what you expect to happen in container B, with the ice cube and the water level.



5: What conclusion can you come to from this activity?

