

## Unit# 3: Matter and Materials

Let's find out!

Q: Can natural materials be used in their raw form?

Ans: Yes! Natural materials be used in their raw form.

Q: Why do we need new materials from natural materials.

Ans. We need new materials from natural materials for making new things.

Knowledge corner.

Q: Where is honey is mentioned and why it is used? (Ans on book Pg: 36)

Amazing:

Q: What is the hardest material in the world? (Ans on book Pg: 37)

Think about it:

Q: North and south poles are covered with ice. Do you know the reason?

Ans: Due to the cold temperature.

Exercise:

Q1: Write True/ False

- |          |            |         |
|----------|------------|---------|
| i. False | iii. False | v. True |
| ii. True | iv. True   |         |

Q2: Describe two properties of solids?

Ans: Solids have a fixed shape. These cannot flow like liquid.

Q3: Can solids and liquids change their shape?

Ans: Solids cannot change their shape but liquid can change their shape.

Activity – 1 working. PG: 43

Activity – 2 working. Pg: 44

### Mixing Matters

Knowledge corner

Q: What is the example of natural solution? (Ans on book Pg: 45)

Define: Solvent, solute, solution (Pg: 46)

Amazing:

Q: Why anyone easily float in the dead sea? (Ans on book Pg: 47)

Think about it:

Ans: Because salt mix in water properly and make a solution.

Exercise:

Q1: Write True/ false

- |           |           |         |
|-----------|-----------|---------|
| i. True   | iii. True | v. True |
| ii. Flase | iv. False |         |

Q2: Name liquids that cannot be mixed with water?

Ans: Oil and petrol cannot be mixed with water.

Q3: When a solute dissolves in a solvent then what is formed?

Ans: When a solute dissolves in a solvent then solution is formed.

Activity – 1 working. Pg: 49

Activity – 2 working Pg: 50