

Bismillahirrahmanirrahiim



Name :

Grade :

Date :

Materials:

- Change : How can solids change when mixed with water
- Day and Night

1. Classify these solids in the table

beans	sand	sugar	instant coffee	salt	talcum powder	baking soda	marble	syrup
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can dissolve	cannot dissolve

2. Salman is given two solids. Salt and talcum powder. The solids look the same. His teacher tells him not to smell or feel the solids.



What can Salman do to find out which solid is salt and which is talcum powder?

.....
.....

3. Write true or false to the statements below.

Statements	True/false
Some solids can dissolve in water	
Salt sugar, instant coffee are examples of solids that cannot dissolve in water	
When salt is mixed with water, it dissolves	
sand, talcum powder, beans are examples of solids that can dissolve in water	

4. Look at the picture.

a. Which part, X or Y, is facing the Sun? Which part is not facing the Sun?

.....

b. Is it day or night at part X? What about part Y?

.....

c. As the Earth spins, what will happen to the part that turns away from the Sun?

.....



5. Which sentence explains the cycle of day and night? Tick (✓) the correct answer.

a. The Earth moves around the Sun []

b. The Sun moves around the Earth []

c. The Sun gives off light during the day but not at night []

d. The Moon does not let sunlight reach the Earth at night []

e. The earth spins all the time []

f. The earth does not move []

g. The Sun moves across the sky during the day because it is moving
around the Earth []

h. The Sun appears to move across the sky during the day because
the earth is spinning []

6. Look at this picture.

- 14.



- 15.



- # Alhamdulillahirobbil'alamiin