



SCIENCE

**G6 EXIT
TICKET**



HEAT ENERGY

Define **conduction**: transfer of heat by direct contact between materials

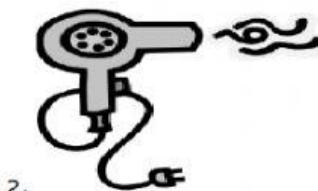
Define **convection**: transfer of heat by movement of large volumes of fluids moving to balance average KE (temperature)... hot rise, cool falls

Define **radiation**: transfer of heat not requiring a medium to move it

Direction: Identify the method of heat transfer that takes place in each illustration. Some illustrations may show more than one form of heat transfer.



1.



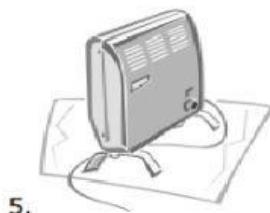
2.



3.



4.



5.



6.



7.



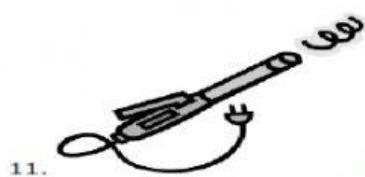
8.



9.



10.



11.



12.



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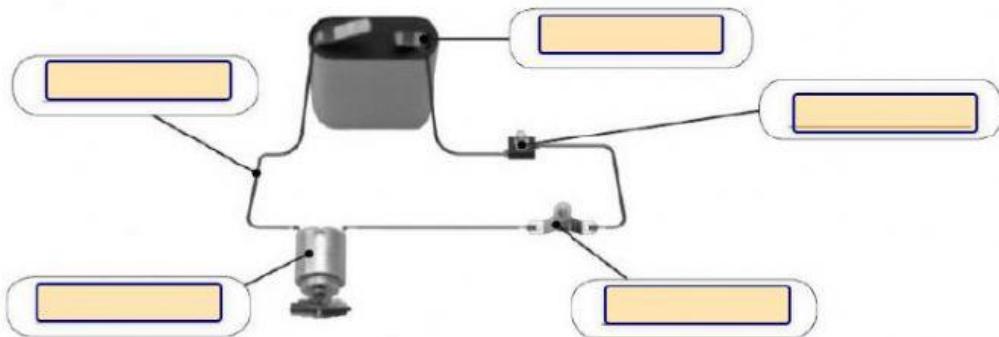
**G6 EXIT
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ELECTRICITY AND MAGNETISM

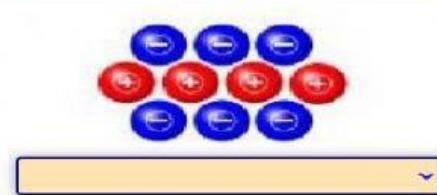
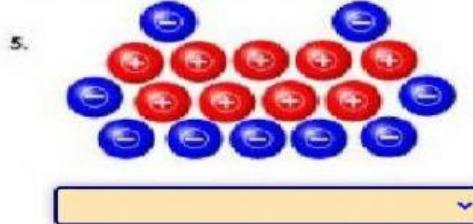
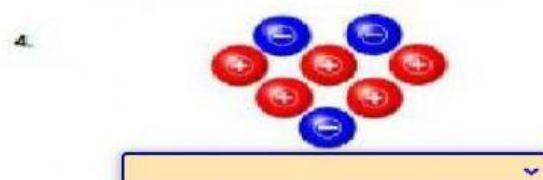
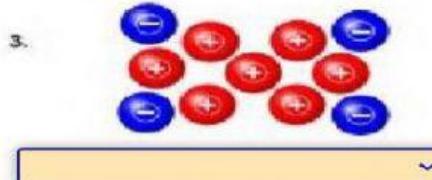
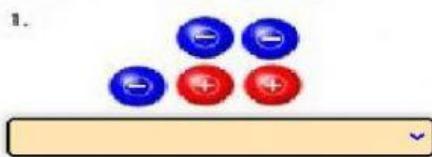
I. Choose the correct words.

- An electrically neutral object has **the same** / **a different** number of positive and negative charges.
- Positive** / **Negative** charges can move from one object to another.
- When an object **loses** / **gains** negative charges, it becomes positively charged.
- An object with more negative charges than positive ones is **positively** / **negatively** charged.

II. Label the components of this electric circuit and ANSWER the questions.



III. Write whether it is electrically neutral, positively charged, or negatively charged.





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FORCE AND MOTION

II. Choose the correct option

1. If an object moves from one place to another, it changes its _____.
A. Distance B. Speed C. Position
2. _____ means how far an object moves from one point to another point.
A. Distance B. Speed C. Position
3. _____ describes the object's speed and direction of motion.
A. Velocity B. Speed C. Distance
4. We measure speed in _____.
A. Km/h B. Grams C. Kilograms
5. Any change in the speed or direction of an object is called _____.
A. Acceleration B. Position C. Velocity
6. _____ is a push or pull which makes an object move.
A. Gravity B. Force C. Acceleration
7. _____ is a pulling force between two objects.
A. Gravity B. Friction C. Acceleration
8. The force that helps the boat float in water is _____.
A. Gravity B. Buoyancy C. Drag
9. The force that is needed to start or stop a motion?
A. Gravity B. Friction C. Acceleration
10. What will happen to the boat if the gravity becomes more than buoyancy?
A. The boat will float B. The boat will sink

II. Match the following

Friction	Any change in the speed or direction.
Gravity	A push or pull which makes an object move.
Force	It is a type of force that occurs when an object rubs against
Acceleration	It describes the object's speed and direction of motion.
Velocity	It is a pulling force between two objects



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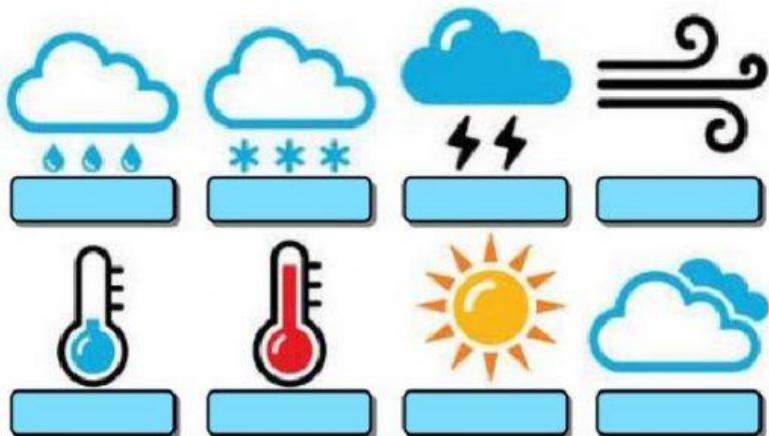
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WEATHER

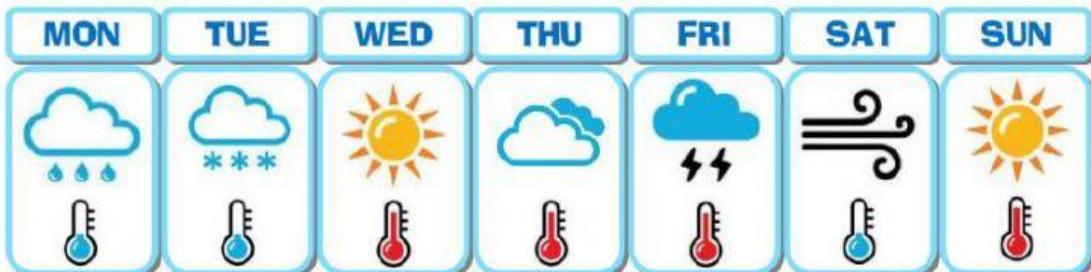
THE WEATHER

1. DRAG AND DROP

WINDY CLOUDY
HOT SNOWY
SUNNY RAINY
COLD STORMY



2. LOOK AT THE WEATHER FORECAST AND COMPLETE THE SENTENCES



Today is Thursday. The weather is and

Yesterday I because it was and

Tomorrow I'll because the weather will be

On Saturday I'll because the weather will be

On Monday I because it was

On Tuesday I because it was and

On Sunday I'll because the weather will be and again.

fly my kite
cloudy snowy
stay at home
went to the beach
rainy hot stormy
sunny hot cold
windy cloudy
took my umbrella
went skiing
go camping