

INSPIRED TOTS EARLY LEARNING CENTER
SECOND TERM EXAMINATION 2024/2025 SESSION

NAME: _____

BASIC SCIENCE

GRADE 4

1. The way we take care of our things and belongings to extend its life span is referred to as _____.
2. Preventive and corrective are the basic types of _____.
3. In order to prevent something from breaking down, we use _____ maintenance.
4. When something has already broken down, we use _____ maintenance.
5. How many basic parts is the internal part of a motor vehicle divided into?

6. Mention three (3) features for controlling the motor vehicle.
_____, _____, _____
7. What are the special safety features of a motor vehicle?
_____ and _____.
8. The driver and the passenger's special features include the seat and the _____.
9. The part of a vehicle that allows the driver to change the direction of the car is referred to as the _____.
10. The pedals consist of the brake, the accelerator and the _____.
11. What pedal is used to speed up the motor vehicle? _____
12. The _____ is used before changing the gear of a car.
13. In order to stop or slow a motor vehicle, we make use of a _____ pedal.
14. What safety device prevents people from being thrown out from their seats when there is a collision?
15. An _____ provides cushioning to prevent people from falling against the interior part of the car.
16. Every motor vehicle has an _____ that enables them to move.
17. The process by which the engine turns fuel into force is called _____.
18. The engine of most cars have about _____ cylinders.
19. The piston in every motor vehicle is connected to the _____.
20. The cylinder of a motor vehicle works in four stages. They include:
_____, _____, _____ and _____.
21. _____ is a flat piece of plastic used in drawing vertical lines and angles.
22. Mr Bryan wants to draw a straight line and a horizontal line. What instrument suits this purpose? _____

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23. An instrument that is shaped like half a circle and is usually made of plastic is referred to as _____.

24. **Make sentences with the instruments below**

Triangle, Circles, Masking tape, Protractor, Ruler, Clips, Divider

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____

25. The ability to carry out any given task is called _____.

26. An energy that is derived due to the presence of motion is referred to as _____.

27. _____ energy is referred to as stored energy.

28. The process by which one type of energy becomes another is referred to as energy _____.

29. We can tell how hot or cold something is by taking its _____.

30. _____ and _____ are units used in measuring the temperature of an object.

31. The amount of thermal energy in a substance is referred to as _____ and it is measured in _____.

32. Objects that have the capacity to produce heat are referred to as heat _____.

33. Electricity is subdivided into _____ basic types.

34. _____ and _____ are the basic types of electricity.

35. The _____ type of electricity is usually produced at a power station.

36. Materials that allow electricity to pass through them are called _____ while materials that do not allow the flow of electricity are referred to as _____.

37. Static electricity moves along wires TRUE or FALSE

38. An insulator does not allow electricity to pass through it TRUE or FALSE

39. Convert 100 degree celsius to Fahrenheit.

40. Convert 140 degree Fahrenheit to Celsius. _____

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LABEL THE DIAGRAM BELOW

