



8-9 YEARS | WEEK 03

Technology - Algorithms, Crypts & Robotics

1. Algorithms - Identify the steps

2. Algorithms - Write the steps

3. Algorithms - Step-by-step

4. Algorithms - Complete the pattern

5. Algorithm - Build a caterpillar game

6. Crypt arithmetic reference

7. Crypt arithmetic

8. Robotics - Draw a robot

9. Robotics - Robot themed movies

10. Robotics - Upcycled robot

11. Robotics - Robot hand puppet

12. Coding - Pixel art

13. Coding - Pixel art

14. Coding - Pixel art

15. Coding - Pixel art

16. Coding - Pixel art

17. Coding - Pixel art

18. Crypt arithmetic

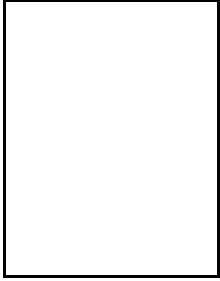
19. Crypt arithmetic

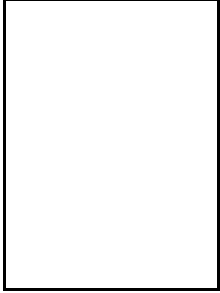
20. Crypt arithmetic

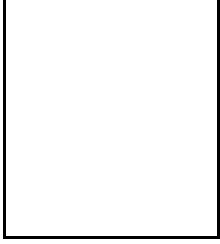
T: Algorithms - Identify the steps

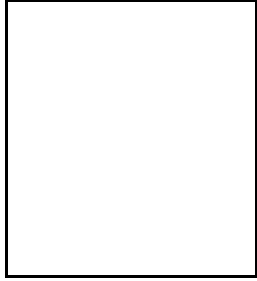


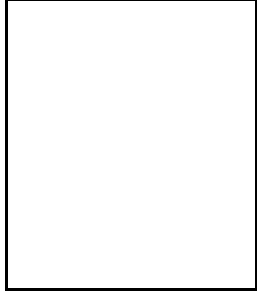
Who likes to eat a cake? Everybody does! And baking a cake is also equally exciting. Today we will cut and paste the steps for baking a cake in order. Also, describe the steps in one sentence.


1  _____

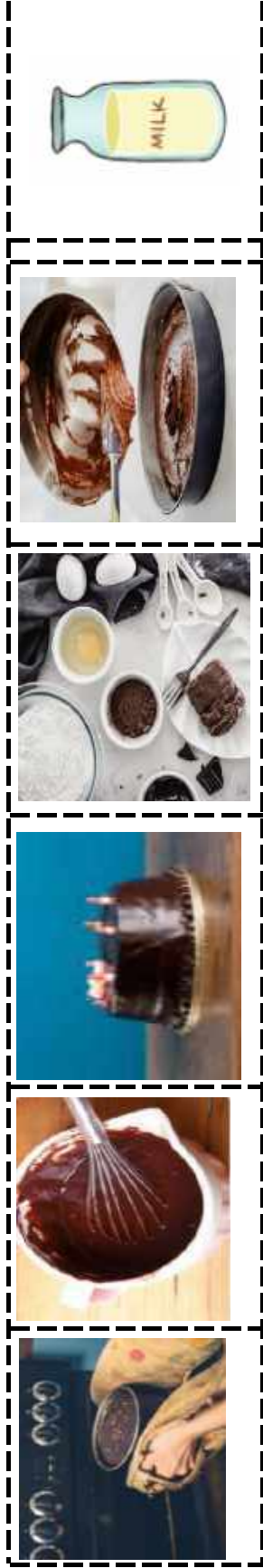
2  _____

3  _____

4  _____

5  _____

6  _____



Answer Key: 1. Get all the ingredients 2. Mix all the ingredients 3. Add milk to adjust consistency 4. Pour in cake tin. 5. Bake the cake in oven. 6. Decorate the cake.

T: Algorithms - Write the steps



Have you ever been to a picnic with your family? You must have seen how your parents get everything ready for picnic. Food and drinks for everyone, toys for you and your siblings. Can you complete the steps given below for going to a picnic on the beach?

- 1 Write the things that you would like to take in a picnic basket.



- 2 What is shown in the picture given alongside? What would you need to build one of those?



- 3 What would you like to play with at the beach?



- 4 What other accessories are needed at the beach?



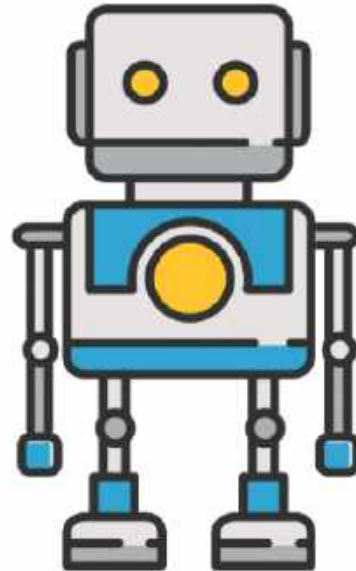
Answer Key: 1. Apple, froofi, biscuits, chocolates 2. Sand castle, sand castle kit, 3 volleyball, cricket 4. goggles, beach towel, umbrella, sunscreen

T: Algorithms - Step by step



Given below are some steps to make a robot. Read those steps carefully and see if they are correct or not. If not, correct them and write them below.

My robot



- 1 We are going to make a robot today.
- 2 As you can see the body of the robot is triangular.
- 3 So draw a 4 sided triangle.
- 4 In the middle of his face are his 2 ears.
- 5 Hands of the robot are hexagonal.
- 6 Draw oval shaped feet.
- 7 Your robot is almost ready.
- 8 As you can see, they have coloured the robot green.
- 9 If you don't have green colour, you can mix red and yellow colour to make green colour.
- 10 Tada! Your robot is ready.

Corrected steps

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____
- 8 _____

Answer Key: 2. Body of robot is polygon shaped. 3. draw a 6 sided polygon. 4 middle of his face are his eyes. 5. hands of robot are rhombus shaped. 6. feet are cuboid shaped. 8. robot's colour is pink. 9. mix yellow and blue to make green.

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