

Chapter 5



ALGORITHM

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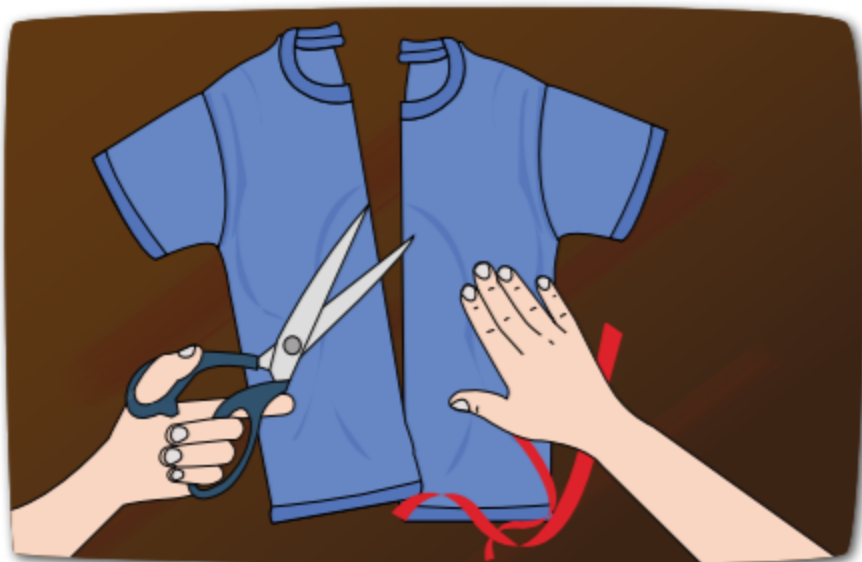
ALGORITHM

There is a way to do every work. Every big work has smaller steps to be followed.

An algorithm is a step-by-step method of doing a work.

Let us look at some examples given below:

i. Making a shirt



ii. Cooking vegetables



iii. Making a cake



iv. Washing clothes in washing machine



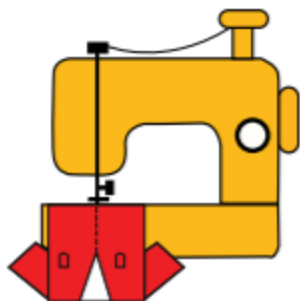
Now, let us look into the algorithm of the above examples.

Example 1. Making a shirt

Step 1. Cut the piece of cloth as per the measurements.



Step 2. Stich the various parts



Step 3. Stich the buttons



Step 4. Iron and fold the finished shirt



Example 2. Cooking vegetables

Step 1. Clean and cut vegetables.



Step 2. Heat oil in a frying pan on fire.



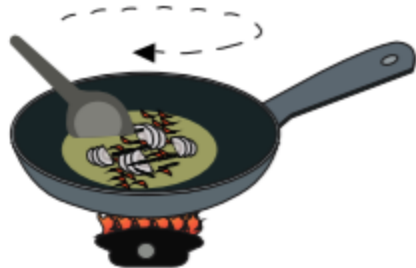
Step 3. Fry vegetables by putting them in oil.



Step 4. Put spices and salt.



Step 5. Stir and wait.



Step 6. Remove from fire.



Example 3. Making a cake

Step 1. Mix flour, sugar, baking powder, eggs, butter in a baking bowl.



Step 2. Pre heat oven.



Step 3. Put the baking bowl in the oven and bake for 40 min.



Step 4. Take out and put icing on its top.



Step 5. Serve with a smile.



Example 4. Washing clothes in washing machine

Step 1. Put washing powder in the space marked for it.



Step 2. Fill the washing tub with water.



Step 3. Put in the clothes and shut the door.



Step 4. Set the timer and switch on the machine.



Step 5. Wait till the washing is complete.



Step 6. Open the door and take the clothes out.



WORK OF STUDENTS...

Can you think of some other work which has smaller steps?