





INDIAN SCHOOL AL WADI AL KABIR

CLASS VII	DEPARTMENT: COMPUTER SCIENCE	YEAR 2025-2026
HOLIDAY HOMEWORK	TOPIC: Flowchart	

 **Objective:** Learn to draw flowchart that helps to design and organize algorithms before writing computer programs.

1)  **Assignment:** Draw a flowchart to navigate your friend to reach your home from the school.

Steps to Reach My Home from School

1. **Start**
2. Leave the **school main gate**
3. Walk straight to the **main road**
4. **Decision:** Is there a traffic signal?
 - If **Yes**, cross the road at the signal
 - If **No**, walk straight
5. Turn **left** at the **bus stop**
6. Walk straight for **500 meters**
7. **Decision:** Do you see the grocery shop?
 - If **Yes**, turn **right**
 - If **No**, keep walking
8. Walk straight to the **second house**
9. **Stop** – You have reached **my home**

2) 🖋️ **Assignment: Draw a flowchart to calculate the area of a triangle.**

Steps:

1. Start

2. input the **length (L) and Breadth(B)**

3. Calculate the area using the formula:

$$\text{Area} = L \times B$$

4. print the **area**

5. Stop

Instructions:

- Use an A4 sheet
- Draw the flowchart neatly with pencil and ruler.
- Use proper flowchart symbols
 - Oval → Start / Stop
 - Parallelogram → Input / Output
 - Rectangle → Process
 - Diamond → Decision (if any)

Note: Evaluation will be done after holidays.