**Story Board**

***How to Construct a Robot Part 6: Arm***

Using the Plan Sheet given below, draw an ARM for your ROBOT.

1. Draw a three-view drawing of the arm.
2. Dimension the arm.
3. Choose the material you would use to construct the arm, and find the cost.
4. Construct a plan of procedure you will use to put the arm together.
5. List the machines you will need to cut and construct the arm.
6. Use several drawings until you find the functioning of the arm you need.
7. Basic considerations - make the shape to best perform the task you need.
8. Place the arm close to the position needed and test for best performance.
9. Consider several ideas.