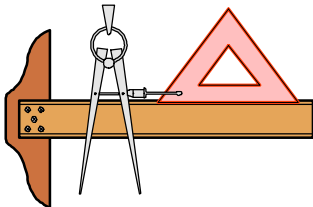


# Design Brief 3

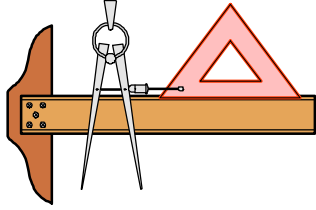
## Orientation To Technology

### Paper Foundation



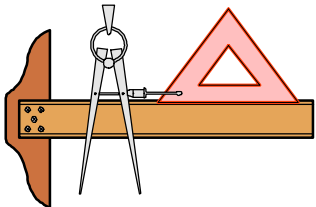
## *Situation*

The Dan McCarty Construction Company is trying to design a new building foundation. It must be light and strong. The design that can support the most weight will be used to build the new school.



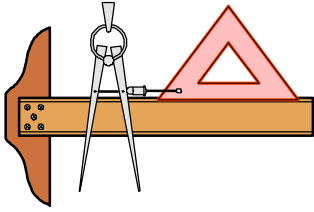
# *Problem*

Your team must build a building foundation that is as strong as possible. You may only use the materials provided!



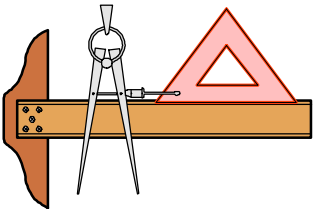
# *Objectives*

Students will use creativity and problem solving to build a foundation for a building. Students will learn to manage time and resources.



# Materials

1 sheet of paper  
10 cm of tape  
1 pair of scissors  
1 ruler



# Requirements

Your grade will be based on the following:

- \*30 minute building time limit
- \*foundation must be 3 cm tall

A = strongest foundation  
B = 75% of most weight  
C = 50% of most weight  
D = 25% of most weight  
F = under 25% of most weight