**FORM 4 PROGRAMME OF WORK**

**TERM 2 (JANUARY – APRIL 2011)**

*Weeks* Determine and represent the location of

*1 – 3* a) the image of an object.

b) the object, given the image, for i) translation

ii) reflection

iii) rotation

iv) enlargement or

reduction.

*Week 4* Identify the relationship between an object and its

image i.e. similar, congruent.

Describe a transformation given its object and its image.

*Week 5* Double transformations

State the relationship between the object and its image

under double transformation.

*Week 6* Use Pythagoras’ Theorem to solve problems.

*Week 7* Introduction to trigs. Use trig ratios of acute angles in

right angled triangles.

*Week 8* Angles of elevation and depression.

*Week 9* Trig ratios of angles > 90°.

*Week 10\** Calculate the area of a triangle given two sides and the

Included angle. Area of *ab* sin *C.*

*Weeks* 11& 12\* Calculate the area of a segment of a circle.

* - Optional specific objective.