For use with STP Caribbean Mathematics 4th Edition Book 2



MATHEMATICS SCHEME OF WORK

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Term 2 – 04/1/2021 – 26/03/2021	No of weeks: 12
Forms : 2P/2J/2M	No. of sessions per cycle: 5

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(N.B. This is just a rough plan. The duration and date of lessons may be adjusted as time progresses. It is envisioned that at least 8 chapters of the text will be completed. If time is available additional work will be done).

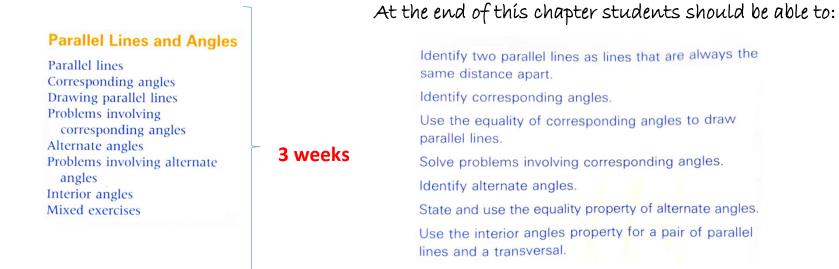
Mathematics Form Two Scheme of Work: Term Two Topics

 solve simple equations form simple equations and use them to solve problems construct formulae from given information substitute numerical values in a formula.
The following will also be revised
 how to simplify expressions containing brackets how to collect like terms the order in which to do multiplication, division, addition and subtraction how to multiply directed numbers what the lowest common multiple means
1

✓ how to convert units to smaller or larger units.

Class Test – Questions based on Chapter 3

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Class Test – Questions based on Chapter 14

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Constructions

Angles and triangles Constructing angles without using a protractor To construct an angle of 60° Bisecting angles Construction of angles of 60°, 30°, 90°, 45° To construct an angle equal to a given angle Construction to bisect a line Dropping a perpendicular from a point to a line Constructing triangles

3 weeks

At the end of this chapter you should be able to...

- 1 construct angles of 30°, 60°, 90° and 45° without using a protractor
- 2 construct an angle equal to a given angle
- 3 use ruler and compasses to:
 - a bisect a line
 - b drop a perpendicular from a point to a line
 - c construct triangles.

The following will also be reviewed

- ✓ what a right angle is
- ¥ how angles are measured
- ✓ how to use a protractor, a pair of compasses and a ruler
- ✓ how to use, to solve problems, the properties of:
 - vertically opposite angles
 - the sum of angles at a point
 - angles on a straight line
 - · the sum of the three angles in a triangle
- the sum of the four angles in a quadrilateral
- · corresponding, alternate, interior angles with respect to two parallel lines
- ✓ what an arc of a circle is
- ✓ the properties of equilateral and isosceles triangles.

Class Test – Questions based on Chapter 15