## For use with STP Caribbean Mathematics 4<sup>th</sup> 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).

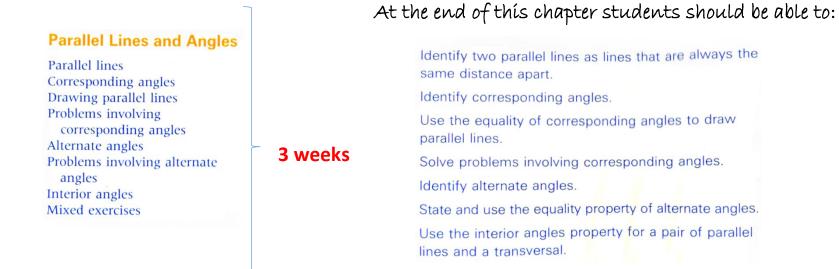
## Mathematics Form Two Scheme of Work: Term Two Topics

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