



ST. PETER'S COLLEGE GARAKU

Scheme of work for:

Term: 3rd , **Session:** 2019/2020, **Class:** JSS3, **Subject:** Mathematics

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WEEKS	TOPICS	CONTANT	STUDENTS ACTIVITY	TEACHING AIDS	REFERENCE
1.	Similar figures	-Similar figures -Similar triangles -Enlargement and scale factor	-Identify similar figure -Deduce the scale factor of any given enlargement	-Similar cylinders	New Concepts Mathematic Jss3 Page 115
2.	Areas and volumes of similar shapes	-Areas of similar shapes -Volume of similar shapes	-Find the areas and volumes of similar shapes using scale factor	-Similar plane shapes	New Concepts Mathematic Jss3 Page 132
3.	Tangents of an acute angle	-Use of tangent ratio -Application of tangent ratio to solve problems	-Calculate the tangents of acute angles using the tangent table	-Mathematical set, Models of right angled triangle	New Concepts Mathematic Jss3 Page 142

4.	Sine and Cosine of an acute angles	-Use of sine and cosine tables -Application of sine and cosine of angles	-Use sine and cosine ratios to calculate lengths of size and angles in the right angled triangle	-Sine and cosine table	New Concepts Mathematic Jss3 Page 159
5.	Areas of plane shapes	-Areas of plane shapes -Real-life activities involving areas	-Calculate the areas of plane shapes	-Models of plane shapes	New Concepts Mathematic Jss3 Page 179
6.	Geometrical constructions	-Bisection of an angle -Construction of angle 90° , 45° , 60° and 30°	-Bisect given angles -Construct angle 90° , 45° , 60° and 30°	-Mathematical set	New Concepts Mathematic Jss3 Page 200
7.	Measures of central tendency	-The mean and median,	-Calculate the mean and median of ungrouped data	-Chart on mean and median	New Concepts Mathematic Jss3 Page 211
8.	Measures of central tendency	-The mode and range	- Calculate the mode and range of ungrouped data	-Chart on mode and range	New Concepts Mathematic Jss3 Page 218
9.	Data presentation	-Bar charts -Component bar charts	-Draw bar charts and component bar charts	-Data from News paper and Magazine	New Concepts Mathematic Jss3 Page 220
10.	Data presentation	-Pie charts	-Construct and interprets pie charts	- Data from News paper and Magazine	New Concepts Mathematic Jss3 Page 228

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