GRADE 10 CORE MATHEMATICS TERM 2 RECORDS OF WORK

Week 1 Header

TERM	WEEK	DATES	MON	TUE	WED	THU	FRI
Term 2	1						

Week 1 Main Records of Work

SUBJECT & GRADE	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE / MAIN BOOK AND ITS PAGES	REMARKS
Core Mathematics Grade 10	Day 1	1	2.0 Measurements and Geometry - 2.4 Trigonometry I: Identify trigonometric ratios of acute angles. What is trigonometry? Teacher introduces right-angled triangles and guides learners to identify sides.	Charts of triangles, geometric set	Oral questions, observation
Core Mathematics Grade 10	Day 2	2	2.0 Measurements and Geometry - 2.4 Trigonometry I: Determine sine, cosine and tangent of acute angles. How do we determine sine, cosine and tangent? Learners measure triangle sides and compute ratios.	Rulers, calculators	Written exercises
Core Mathematics Grade 10	Day 3	3	2.0 Measurements and Geometry - 2.4 Trigonometry I: Relate sine and cosine of complementary angles. Why are complementary angles important in trigonometry? Group discussion and comparison of ratios.	Mathematical tables	Class discussion
Core Mathematics Grade 10	Day 4	4	2.0 Measurements and Geometry - 2.4 Trigonometry I: Determine trigonometric ratios using tables. How can tables help find trig ratios? Learners practice using trig tables.	Tables, calculators	Quiz
Core Mathematics Grade 10	Day 5	5	2.0 Measurements and Geometry - 2.4 Trigonometry I: Apply trigonometric ratios in solving problems. Where do we apply trig ratios? Solve real-life problems involving heights.	Charts, worksheets	Assignment

Week 1 Footer Table

General comments if any	Head master	Date

Week 2 Header

TERM	WEEK	DATES	MON	TUE	WED	THU	FRI
Term 2	2						

Week 2 Main Records of Work

SUBJECT & GRADE	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE / MAIN BOOK AND ITS PAGES	REMARKS
Core Mathematics Grade 10	Day 1	1	2.0 Measurements and Geometry - 2.4 Trigonometry I: Determine trig ratios of special angles. Which angles have special trig ratios? Teacher demonstrates 30°, 45°, 60° triangles.	Models of triangles	Observation
Core Mathematics Grade 10	Day 2	2	2.0 Measurements and Geometry - 2.4 Trigonometry I: Determine trig ratios of 30°,45°,60°,90°. How are trig ratios derived? Learners construct triangles.	Geometrical set	Exercise
Core Mathematics Grade 10	Day 3	3	2.0 Measurements and Geometry - 2.4 Trigonometry I: Relate sine, cosine and tangent. How are trig ratios related? Group discussion.	Charts	Oral questions
Core Mathematics Grade 10	Day 4	4	2.0 Measurements and Geometry - 2.4 Trigonometry I: Solve problems using trig ratios. How do trig ratios help measure heights? Problem solving.	Calculators	Quiz
Core Mathematics Grade 10	Day 5	5	2.0 Measurements and Geometry - 2.4 Trigonometry I: Apply trig ratios to elevation problems. How do we measure heights indirectly? Learners measure school objects.	Tape measure	Practical assessment

Week 2 Footer Table

General comments if any	Head master	Date