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| weeks | Strand  | Topic  | Learning outcome | Resource  |
| 8 | NUMBERS | Rates | Students should be able to:* Recognize how to read travelling graphs.
* Calculate speed.
* Calculate distance.
* Calculate time.
* Recognize the metric unit used to measure speed, distance and time.
 | Year 9 Book 1 |
| 9 | Pythagoras | Students should be able to:* Recognize the relationship between the sides of a right angle triangle.
* Identify special Pythagorean triangles and their multiples.
* Solving problems using Pythagoras theorem.
 | Year 9 Book 2 |
| 10 | MEASUREMENT | Areas | Students should be able to:* Determine the area of :
* Rectangle
* Triangle
* Trapezium
* Parallelogram
* Composite shape
 | Year 9 Book 2 |
| 1 |  | Area of circle | Students should be able to:* Determine the area of a circle.
* Calculate the area of composite shape like semicircles, rectangles and triangle
 | Year 9Book 1 |
| 2 |  | Area Word problem Surface area | Students should be able to:* Determine the area of a cuboids, prisms and cylinder.
* Solve application problem.
 | Year 9Book 1 |
| 3 |  | Volume | Students should be able to:* Determine the volume of water
* Solving application problems.
 | Year 9 Book 1 |
| 4 |  | Trigonometry  | Students should be able to:* Identify the different sides of a right angle triangle.
* Determine the sides and angle of a right angle triangle by using sine.
* Determine the sides and angle of a right angle triangle by using the

The cosine. | Year 9 Book 2  |
| 5 |  | Trigonometry  | * Determine the sides and angle of a right angle triangle by using the tangent.
* Solving application problems using trigonometry.
 | Year 9 Book 2 |