**Week 8 Activities**

**YEAR 9 BOOK 1**

Day 1

* Read through the example, on page 49, 50 and 51.
* Do exercise 2.2, do the even numbers.
* Do exercise 2.3, do the odd numbers.

Day 2

* Read through the example on page 56. **Finding Distances**.
* Do exercise 2.4. Question 1: a to h

Day 3

* Read through the example on **finding time, page 57.**
* Do exercise 2.4.Question 2: a, b, c, f, g and h.

**Week 9 activities**

**YEAR 9 BOOK 2**

Day 1

* Read page 57 and 59.
* Do exercise 4.1:
* Question 1: a and b
* Question 2: a, b, c and d.

Day 2

* Question 3: a to f
* Question 5
* Question 6 to e

Day 3

* Read page 61. Finding the hypotenuse
* Note that hypotenuse is always opposite the right angle
* C2 is always your hypotenuse.
* Do exercise 4.2
* Formula (c2 = a2 + b2)
* Question 1 (a, b, d, k and l)
* Question 2 ( a, b, e, g, and h)

**Week 10**

Day 1

* Read page 63: **Finding a short side**.
* Do exercise 4.3
* Question 1 ( a, c, e, f, h and j)
* Question 2 ( a, b, i, j, o, q, s and t)

Day 2

* Read page 68
* Do exercise 4.5 ( do the even numbers)

Day 3

* Read page 71 and 72.
* Do exercise 4.6
* Question 1 (a, b, c, j, k, l)

**Week 1**

Day 1

* Read page 74
* Do exercise 4.7
* Question 1 ( a to e)
* Questions 2 ( g to l)
* Question 3 ( a, b, c, j and h)

Day 2

Topic: Area

* Read page 58 and 59
* Write the formula of area of square into you mathematics exercise book
* Do exercise 3.1; Question 1( a, b, c and d)
* Copy example a, page 59
* Do exercise 3.1: Question 1( f, g, h, i, and j)

Day 3

* Copy example b, page 59
* Do exercise 3.1: Question 2 (a, c, d and f)
* Copy example c page 59
* Do exercise 3.1: Question 2 ( g, I and j)
* Copy example d, page 59
* Do exercise 3.1 Question 2 ( k, m, and n)

**Week 2**

Day 1

* Look at the example after page 60
* Do exercise 3.1: Question 3 ( c, f, g, I, j and L)

Day 2

* Read page 62
* Do exercise 3.2:( 1, 2, 9, 5, 10, 15)
* 17 ( a and d)

Day 3

* Read page 64:**Combined shapes**
* Do exercise 3.3
* Question 1 (a,d,e and g)
* Question 2 ( a, c, and f)

**Week 3**

Day 1

* Question 3 (b)
* Question 4 (a and b)
* Read page 70

Day 2

* Copy example 1
* Do exercise 3.5: (1: a and b, 2:b)
* Copy example 2
* Do exercise 3.5: (e, f, g, and h)

Day 3

* Do exercise 3.5: (Question 2: I and j)
* Do exercise 3.5: ( Question 2: g, e, m )
* Do exercise 3.5: ( Question 3: e and f)
* Do exercise 3.5: ( Question 4: d and a)

**Week 4**

Day 1

* Application
* Exercise 3.6:(1, 4, 8, 11 and 12)

Day 2

* Read page 76 and 77
* Exercise 3.7 Question 1 ( a, c, e, g, k, m)
* Read page 79
* Do exercise 3.8: Question 1 (a and D)
* Question 2 ( a and c)

Day 3

* Exercise 3.9 (do the even numbers)
* Exercise 3.10 ( Do all the questions )

**Week 5**

**Trigonometry**

Day 1

* Read page 76 to 78
* Do exercise 5.1: Question 2, 3,4
* Read page 86: **sine**
* Do exercise 5.3 :Question 1(a, e, h, m, and n)
* Do exercise 5.3: Question 2, 3 and 4

Day 2

* Using the Sine
* Read page 88
* Do exercise 5.4: ( Question 1: d, f, h and o)
* Do exercise 5.4: ( Question 2, 3, and 4)

Day3

* Read page 90 and 91
* Do exercise 5.5: Question 1 (e, g, n, o)
* Do Question 2 and 3

**THE END**

* **Some videos are provided for you to watch for more explanations.**