

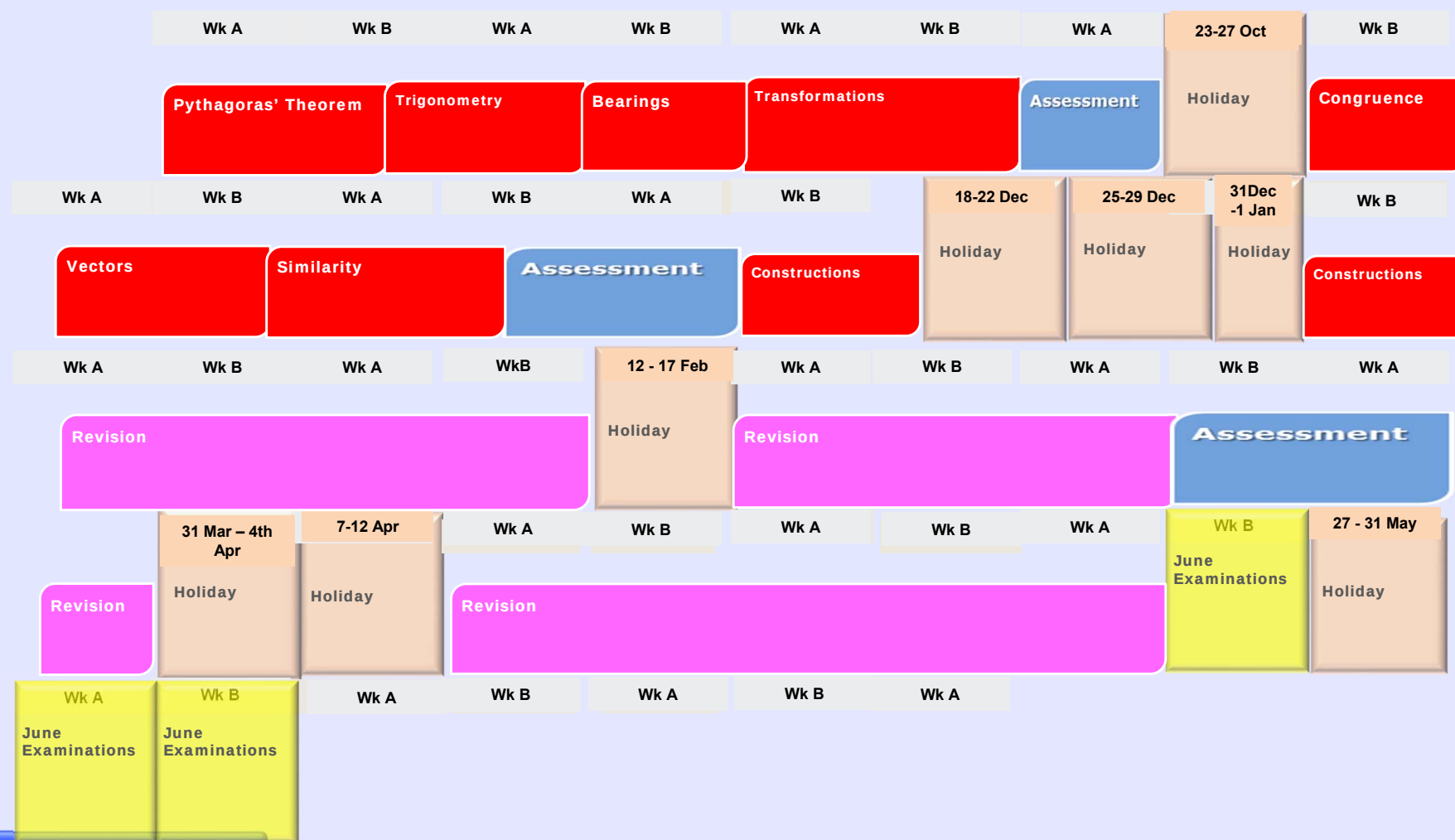


Key Stage 4  
Maths at  
Seahaven  
Academy

# Year 10

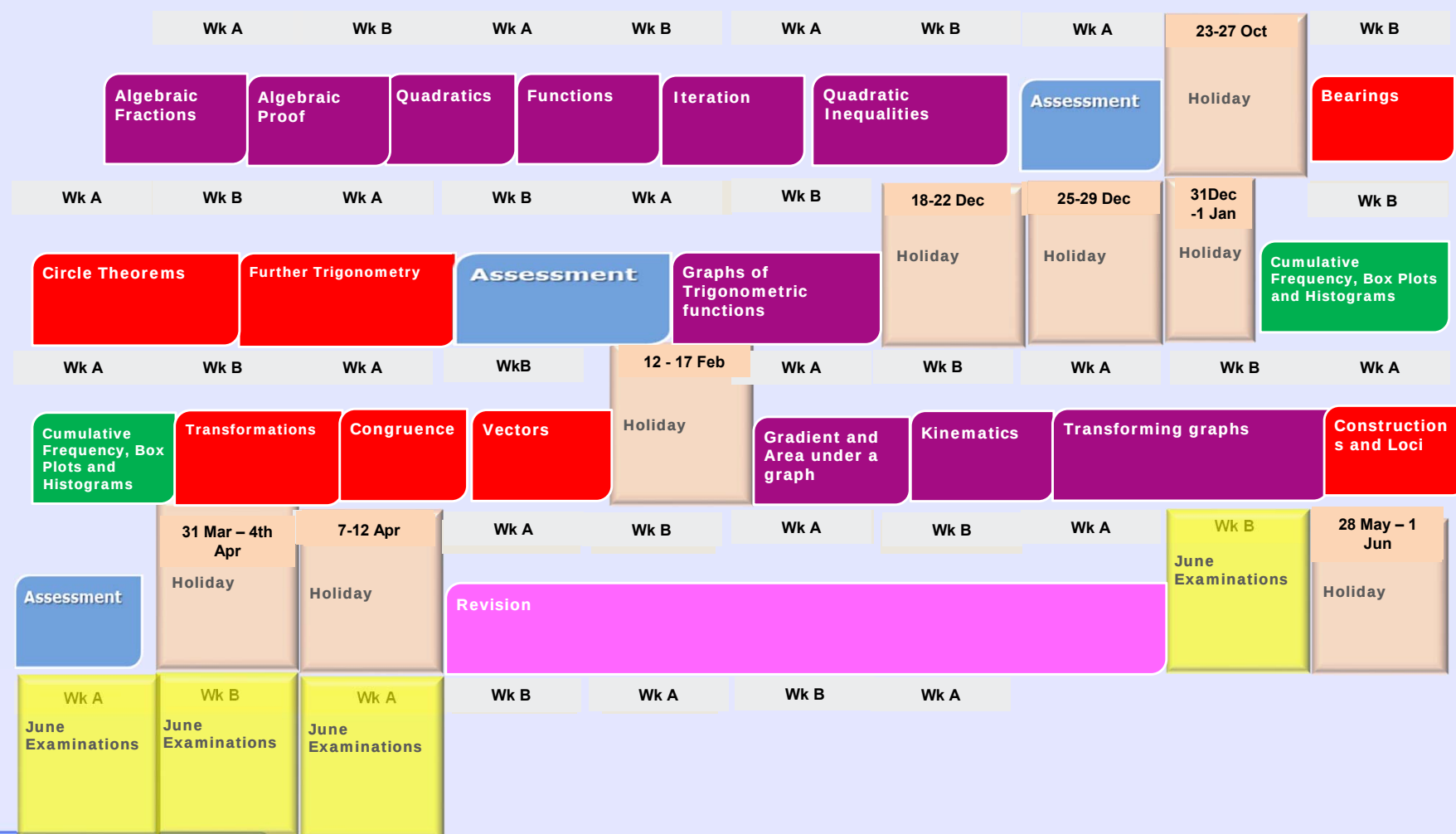
|                |                      |                           |                      |                                |                   |                  |                  |                   |                |                               |
|----------------|----------------------|---------------------------|----------------------|--------------------------------|-------------------|------------------|------------------|-------------------|----------------|-------------------------------|
| Wk1 6-10 Sept  | Wk A                 | Wk B                      | Wk A                 | Wk B                           | Wk A              | Wk B             | Wk A             | 22 Oct            | 23-27 Oct      | Wk10 1-5 Nov                  |
|                |                      | Rearrange formulae        | Linear graphs        | Solving Simultaneous Equations | Volume            | Holiday          |                  |                   |                | Quadratic Graphs TP and roots |
| Wk11 8-12 Nov  | Wk A                 | Wk B                      | Wk A                 | Wk B                           | Wk A              | Wk B             | 18-22 Dec        | 25-29 Dec         | 31 Dec - 1 Jan | Wk A                          |
|                | Expand and Factorise | Solving Quadratics        | Cubic & other Graphs | Probability                    | Holiday           | Holiday          | Holiday          | Probability       |                |                               |
| Wk21 17-21 Jan | Wk B                 | Wk A                      | Wk B                 | Wk A                           | 12 - 17 Feb       | Wk B             | Wk A             | Wk B              | Wk A           |                               |
|                | Capture Recapture    | Standard Form             | Proportion further   | Assessment                     | Holiday           | Simple Interest  | Growth and Decay | Ratio - further   |                |                               |
| Wk31 28-1 Apr  | Wk B                 | 31 Mar – 4th Apr          | 7-12 Apr             | Wk A                           | Wk B              | Wk A             | Wk B             | Wk A              | 28 May – 1 Jun | Wk B                          |
|                | Recurring decimals   | Holiday                   | Holiday              | Statistical Measures           | Representing Data | Scatter Diagrams | Surds            | Accuracy & Bounds | Assessment     | Holiday                       |
| Wk41 6-10 Jun  | Wk A                 | Wk B                      | Wk A                 | Wk B                           | Wk A              | Wk B             | Wk A             |                   |                |                               |
|                | Trigonometry         | Similarity and Congruence | Quadratic Sequences  |                                |                   |                  |                  |                   |                |                               |

## Year 11 - Foundation



[Return to Routemap](#)

## Year 11 - Higher



[Return to Routemap](#)

[Home - United Curriculum \(unitedlearning.org.uk\)](https://unitedlearning.org.uk)

Pupils have access to the UL curriculum hub where there are video lessons of everything we cover in school with independent work and answers

**Homework – every Monday for the following Monday supported by catch up on Tuesdays and Thursdays after school**

Planner - 9Z/M-1 | Sparx Maths

88b4776-48d9-11ee-a42f-abb95e32a9ea/homework/hand-in/b225d2d1-2eb4-41dc-abf9-ea4548c5d7af

Find Students



 Help & Support

|                                                                                     |                        |        |                                                                                                   |                           |   |   |        |                                                                                       |
|-------------------------------------------------------------------------------------|------------------------|--------|---------------------------------------------------------------------------------------------------|---------------------------|---|---|--------|---------------------------------------------------------------------------------------|
| -                                                                                   | <div><div></div></div> | -      | Not opened                                                                                        | <a href="#">View &gt;</a> | - | - | 0h 00m |    |
| -                                                                                   | <div><div></div></div> | -      | Not opened                                                                                        | <a href="#">View &gt;</a> | - | - | 0h 00m | 0%                                                                                    |
| -                                                                                   | <div><div></div></div> | -      | Not opened                                                                                        | <a href="#">View &gt;</a> | - | - | 0h 00m |    |
| 63%                                                                                 | <div><div></div></div> | Oh 36m | Incomplete                                                                                        | <a href="#">View &gt;</a> | - | - | 0h 00m | 0%                                                                                    |
| 79%                                                                                 | <div><div></div></div> | Oh 26m | Incomplete  13 | <a href="#">View &gt;</a> | - | - | 0h 00m |    |
|    | <div><div></div></div> | Oh 38m | 7 days early                                                                                      | <a href="#">View &gt;</a> | - | - | 0h 00m |    |
|    | <div><div></div></div> | Oh 32m | 2 days early                                                                                      | <a href="#">View &gt;</a> | - | - | 0h 00m |    |
|    | <div><div></div></div> | Oh 39m | 7 days early                                                                                      | <a href="#">View &gt;</a> | - | - | 0h 00m |    |
|  | <div><div></div></div> | Oh 48m | 2 days early                                                                                      | <a href="#">View &gt;</a> | - | - | 0h 00m |  |
|  | <div><div></div></div> | Oh 31m | 4 days early                                                                                      | <a href="#">View &gt;</a> | - | - | 0h 00m |  |
|  | <div><div></div></div> | Oh 55m | 2 days early                                                                                      | <a href="#">View &gt;</a> | - | - | 0h 00m |  |
|  | <div><div></div></div> | Oh 29m | 6 days early                                                                                      | <a href="#">View &gt;</a> | - | - | 0h 00m |  |
|  | <div><div></div></div> | Oh 50m | 1 day early                                                                                       | <a href="#">View &gt;</a> | - | - | 0h 00m |  |
|  | <div><div></div></div> | Oh 44m | 2 days early                                                                                      | <a href="#">View &gt;</a> | - | - | 0h 00m |  |
|  | <div><div></div></div> | Oh 57m | 2 days early                                                                                      | <a href="#">View &gt;</a> | - | - | 0h 00m |  |
|  | <div><div></div></div> | Oh 50m | 2 days early                                                                                      | <a href="#">View &gt;</a> | - | - | 0h 00m |  |
|  | <div><div></div></div> | Oh 36m | 4 days early                                                                                      | <a href="#">View &gt;</a> | - | - | 0h 00m |  |
|  | <div><div></div></div> | Oh 31m | 1 day early                                                                                       | <a href="#">View &gt;</a> | - | - | 0h 00m |  |
|  | <div><div></div></div> | Oh 34m | 2 days early                                                                                      | <a href="#">View &gt;</a> | - | - | 0h 00m |  |
|  | <div><div></div></div> | Oh 37m | 2 days early                                                                                      | <a href="#">View &gt;</a> | - | - | 0h 00m |  |

a9ea/homework/hand-in/b225d2d1-2eb4-41dc-abf9-ea4548c5d7af/summary/4d7b9096-9e8b-11ec-aa49-afae44c992d3/compulsory

### Set this week

1. Using a written method to multiply decimals

|                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| A                        | B                        | C                        | D                        | E                        |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

2. Using a written method to divide with decimals

|                          |                          |                          |                                     |
|--------------------------|--------------------------|--------------------------|-------------------------------------|
| A                        | B                        | C                        | D                                   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

3. Using a written method to divide with decimals

|                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|
| A                        | B                        | C                        | D                        |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

4. Mixed topic practice

|                          |                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| A                        | B                        | C                        | D                        | E                        | F                        |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

### Consolidation

5. Properties of 3D shapes & other topics

|                                     |                          |                                     |                          |                                     |                          |
|-------------------------------------|--------------------------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| A                                   | B                        | C                                   | D                        | E                                   | F                        |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| G                                   |                          |                                     |                          |                                     |                          |
| <input checked="" type="checkbox"/> |                          |                                     |                          |                                     |                          |

6. Mixed topic practice

|                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|
| A                        | B                        | C                        | D                        |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

< Previous

### Compulsory 5 - Item C

Next >

Time on Item C: 30 seconds

Watch video



Attempt 1



Bookwork code: **5C**

30 seconds 21 hours ago

[Leave feedback for the Sparx Content Team](#)

How many of each of the following does a triangular-based pyramid have?

- a) Faces
- b) Vertices
- c) Edges

a)

Correct answer: b)

c)

a)

Student's answer: b)

c)



**Exam board: EdExcel**

Pearson Revise | Pearson UK

## Year 10

## Mid-year

## End of Year

## Year 11

## Paper 1 October

## Full set of papers November

## One paper every fortnight from

## January

## Full set of papers March

| Question | Question Title                                  | Score   | Spark Clips      |
|----------|-------------------------------------------------|---------|------------------|
| 1        | Ordering decimals                               | 1 / 1   | U478             |
| 2        | Convert decimal to percentage                   | 1 / 1   | U888             |
| 3        | List factors                                    | 1 / 1   | U211             |
| 4        | Round to the nearest 1000                       | 1 / 1   | U480             |
| 5a       | Calculate using BIDMAS                          | 1 / 1   | U976             |
| 5b       | Apply positive indices to integers              | 1 / 1   | 100              |
| 5c       | Understand rules of BIDMAS                      | 1 / 1   | U976             |
| 6        | Solve fraction of amount problem                | 1 / 3   | U881             |
| 7        | Draw pictogram                                  | 3 / 3   | U506             |
| 8a       | Write coordinates of given point                | 1 / 1   | U789             |
| 8b       | Plot coordinate on grid                         | 1 / 1   | U789             |
| 8c       | Draw vertical linear graph                      | 1 / 1   | U741             |
| 9        | Substitute into an expression                   | 1 / 2   | U201             |
| 10       | Find prime numbers with given sum               | 2 / 2   | U236             |
| 11a      | Recognise equivalent fractions                  | 1 / 1   | U704             |
| 11b      | Add fractions                                   | 2 / 2   | U736             |
| 12a      | Interpret intercept from real-life linear graph | 1 / 1   | U638             |
| 12b      | Read from real-life graph                       | 0 / 2   | U638             |
| 13       | Write a ratio from worded problem               | 2 / 2   | U687             |
| 14       | Angle properties of kite                        | 1 / 4   | U121, U390, U732 |
| 15a      | Solve ratio ingredients problem                 | 0 / 3   | U721             |
| 15b      | Solve ratio ingredients problem                 | 0 / 1   | U721             |
| 16       | Compare two fractions                           | 3 / 3   | U746             |
| 17a      | Complete frequency tree                         | 1 / 3   | U280             |
| 17b      | Find probability from frequency tree            | 0 / 2   | U280             |
| 18       | Best buy using percentages                      | 0 / 4   | U721             |
| 19       | Apply rules of indices                          | 0 / 2   | U694             |
| 20a      | Substitute into a formula                       | 1 / 2   | U585             |
| 20b      | Change the subject of a formula                 | 0 / 2   | U556             |
| 21       | Solve percentage problem                        | 5 / 5   | U554             |
| 22a      | Solve capacity flow rate problem                | 0 / 2   | U357             |
| 22b      | State assumption about flow rate                | 1 / 1   | U357             |
| 23a      | Estimation with Speed, distance, time           | 0 / 3   | U151             |
| 23b      | Understand affect of estimation                 | 0 / 1   | U225             |
| 24       | Linear simultaneous equations                   | 0 / 3   | U760             |
| 25       | Area of parts of circle                         | 0 / 4   | U950             |
| 26a      | Complete probability tree diagram               | 1 / 2   | U558             |
| 26b      | Find probability from tree diagram              | 0 / 2   | U558             |
| 27       | Interior and exterior angle of polygon problem  | 0 / 3   | U427             |
| 0        |                                                 | 0 / 0   |                  |
|          |                                                 | 0 / 0   |                  |
|          |                                                 | 0 / 0   |                  |
|          | Total                                           | 36 / 80 |                  |



## Maths -Useful websites

Pearson revise online:

[pearson.com/uk/web/pearson-revise](https://www.pearson.com/uk/web/pearson-revise)

UL pupil curriculum:

[curriculum.unitedlearning.org.uk/pupil](https://curriculum.unitedlearning.org.uk/pupil)

SPARX

CorbettMaths:

[corbettmaths.com](https://www.corbettmaths.com)

OnMaths:

[Onmaths.com](https://www.onmaths.com)

DrFrost Maths

[drfrostmaths.com](https://www.dr frostmaths.com)

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