## How it works:

- 1. In the table, find the correct week by looking at the date in the first column.
- 2. Find today's work there are three links per double lesson so you won't run out of work!
- 3. Choose a lesson hold ctrl and click on the chosen link.

If the link does not work, you do not recognise the work or the work is too difficult, try another lesson.

- 4. Some lessons have links to PowerPoints and other resources beneath the video and/or Starter Quiz.
- 5. Complete any starter quizzes.
  - a. Write your answer down
  - b. Mark your answers and write down any corrections, using the videos.
- 6. Watch the videos and take notes.
- 7. Pause if/when instructed to do so to answer questions or respond.
- 8. When the lesson is complete, go onto the next one.

## Walton High School Hub Curriculum

## Year 10 - Maths

| Week commencing | Day       | Торіс             | Lesson 1                             | Lesson 2                             |
|-----------------|-----------|-------------------|--------------------------------------|--------------------------------------|
| 03/06/24        | Monday    | Representing Data | Plot a histogram                     | Boxplots                             |
|                 | Tuesday   |                   | Find frequency from a histogram      | Plot a histogram                     |
|                 | Wednesday |                   | Finding median from histogram        | Find frequency from a histogram      |
|                 | Thursday  |                   | Finding probability from a histogram | Finding median from histogram        |
|                 | Friday    |                   | Cumulative frequency                 | Finding probability from a histogram |
| 10/06/24        | Monday    |                   | Finding quartiles                    | Cumulative frequency                 |
|                 | Tuesday   |                   | Quartiles from list                  | Finding quartiles                    |
|                 | Wednesday |                   | Boxplots                             | Quartiles from list                  |
|                 | Thursday  |                   | Plot a histogram                     | Boxplots                             |
|                 | Friday    |                   | Find frequency from a histogram      | Plot a histogram                     |
| 17/06/24        | Monday    |                   | Finding median from histogram        | Find frequency from a histogram      |



|          | Tuesday   |              | Finding probability from a histogram                | Finding median from histogram                       |
|----------|-----------|--------------|---|---|
|          | Wednesday | Revision     | Representing inequalities on a number line          | Solve one and two step inequalities                 |
|          | Thursday  | Inequalities | Solve one and two step inequalities                 | Solve inequalities with unknowns on both sides      |
| 24/06/24 | Monday    |              | Solve inequalities with unknowns on both sides      | Solving inequalities involving algebraic fractions  |
|          | Tuesday   |              | Solving inequalities involving algebraic fractions  | Representing inequalities on a coordinate grid      |
|          | Wednesday |              | Representing inequalities on a coordinate grid      | Representing inequalities on a coordinate grid 2    |
|          | Thursday  |              | Representing inequalities on a coordinate grid 2    | Shade in the region defined by several inequalities |
|          | Friday    |              | Shade in the region defined by several inequalities | Identify inequalities that make up a region         |
| 01/07/24 | Monday    | Revision on  | Venn diagrams and probability                       | Drawing Venn diagrams                               |
|          | Tuesday   | Probability  | Drawing Venn diagrams                               | Using Venn diagrams for conditional probability     |
|          | Wednesday |              | Using Venn diagrams for conditional probability     | Mixed questions with Venn diagrams                  |
|          | Thursday  |              | Mixed questions with Venn diagrams                  | Listing outcomes in a sample space<br>diagram       |
|          | Friday    |              | Listing outcomes in a sample space<br>diagram       | Calculate experimental probabilities                |
| 08/07/24 | Monday    |              | Calculate experimental probabilities                | Find probabilities form Venn diagrams               |
|          | Tuesday   |              | Find probabilities form Venn diagrams               | Find probabilities from frequency trees             |
|          | Wednesday |              | Find probabilities from frequency trees             | Tree diagram for independent events                 |
|          | Thursday  |              | Tree diagram for independent events                 | Calculate probabilities of independent<br>events    |
|          | Friday    |              | Calculate probabilities of independent<br>events    | Draw tree diagrams for dependent<br>events          |
| 15/07/24 | Monday    |              |   |   |
|          | Tuesday   |              |   |   |
|          | Wednesday |              |   |   |