## Each lesson takes the following format...

## Slide 1

- Subject Area, Chapter and Part (Lesson Title).
- Quick links to specific parts of the lesson.
- Links back to this page appear regularly throughout the lesson.
- Calculator / Non-Calculator. This indicates whether a calculator is necessary or not for most of the questions, it acts as a guidance only.


## NUMBER

 Chapter 4: Fractions Part 3: Ordering Fractions Starter VideoWorksheet - I'm giving it a try!
Worksheet - I'm building my con Worksheet - I'm building my confidence Worksheet - I'm ready for anything! Extension Homework

Slide 2

- Starter task.
- Questions relating to 16 different areas of core skills relevant to that level.
- Beneficial for a productive start to a lesson whilst promoting retrieval of previous learning.



## Slide 3

- Solutions to slide 2.



## Slide 4

- Notes page, these questions are discussed and completed in the video.
- Questions get progressively more difficult and directly relate to the differentiated tasks in slides 6-11.
- Link to video.


Slide 5

- Annotated notes and questions from slide 4 and as discussed in the video.



## Slide 6

- 'I'm giving it a try!'
- The first, and most straight-forward, of the 3 tasks.
- These differentiated tasks allow students to build up their confidence as they progress through the different levels of difficulty.
- Many of these first tasks start with questions that are similar where only small details are changed, this helps students to
 develop a deeper mathematical understanding.

Slide 7

- Solutions to slide 6.
- Students are prompted to evaluate their own understanding and confidence after each of the 3 tasks with space to make reflective notes and stars to shade creating a clear visual selfassessment.


Slide 8

- 'I'm building my confidence!'
- The second, and slightly more difficult, of the 3 tasks.
- These differentiated tasks allow students to build up their confidence as they progress through the different levels of difficulty.



## Slide 9

- Solutions to Slide 8.
- Students are prompted to evaluate their own understanding and confidence after each of the 3 tasks with space to make reflective notes and stars to shade creating a clear visual selfassessment.

I'm building my co



at you have maxted your work, thate ime to tereed on how
ndent you are teotiona.

## Slide 10

- 'I'm ready for anything!'
- The third, and most challenging, of the 3 tasks.
- These differentiated tasks allow students to build up their confidence as they progress through the different levels of difficulty.



## Slide 11

- Solutions to slide 10.
- Students are prompted to evaluate their own understanding and confidence after each of the 3 tasks with space to make reflective notes and stars to shade creating a clear visual selfassessment.

I'm ready for anything
$1 .(\theta)>(0)>(\theta)<(\theta)>(0)>$
2(0) $\frac{1}{4} \cdot \frac{2}{6} \cdot \frac{5}{12}(0) \frac{5}{9} \frac{2}{9} \cdot \frac{5}{3} \cdot \frac{5}{6}(6) \frac{5}{8} \cdot \frac{2}{3} \cdot \frac{3}{4}(4) \frac{3}{12} \cdot \frac{1}{5} \cdot \frac{2}{8} \cdot(6) \frac{2}{9} \cdot \frac{5}{18} \cdot \frac{1}{3} \cdot \frac{5}{12}$




Slide 12

- Extension task.
- This task could be a problem-solving task, a puzzle, or an openended task, an exam-style question, a real-life context (bigger picture) question, or a task that interleaves the topic being learnt with other areas of Mathematics.
- The extension tasks are written to provide challenge and encourage deep-thinking, giving students an opportunity to
 apply their knowledge to more complex questions.


## Slide 13

- $\quad$ Solutions to slide 12.



## Slide 14

- Homework task comprising of 2 halves.
- 5 core skills questions relevant to that level.
- A task relating to the lesson. This section is often very similar to the questions that were on slides 4 and 5 and discussed during the video. Students, if struggling with the homework, can rewatch the video thus promoting independent learning.
- Students are, once again prompted to evaluate their own understanding and confidence with space to make reflective notes and stars to shade creating a clear visual self-assessment.
Slide 15
- Solutions to slide 14.
 stars to shade creating a clear visual self-assessment.


## Each accompanying worksheet takes the following format...

Note: each section of the worksheet appears on a separate page.
This is to allow for individual choice when printing.

| Page 1 |  |
| :--- | :--- | :--- | :--- |
| $\bullet$ | Student copy of the notes page seen in the video and on slides 4/5. |
| Lesson title and code appears on all worksheet pages. |  |
| QR code link to video. |  |
| Calculator / Non-Calculator. This indicates whether a calculator is |  |
| necessary or not for most of the questions, it acts as a guidance |  |
| only. |  |

