

## STUDENT WEBINAR

# NEW: SUCCESS IN THE PROPORTION RELATED TOPICS IN THE PEARSON FOUNDATION GCSE

### FOCUS

Topics related to proportion take up a significant amount of the GCSE specification, this course will give students some simple techniques to maximise their grades, in proportion style questions. The webinar will focus on simple tools like ratio tables to provide a simple scaffold when students are not sure what to do next, along with some other basic rubrics to fall back on. The webinar will be use exam questions to demonstrate how to decode the information to create the process, solution and some simple checking methods when suitable.

### PROGRAMME

#### Introduction, welcome and sound check

TIME  
4.00 - 4.05pm

#### Percentages

4.05 - 4.25pm

- Quick non calculator methods
- Using decimal equivalences for calculator questions, including increase and decrease and compound interest
- Reverse percentage questions

#### Ratio and worded proportion questions

4.25 - 4.45pm

- Introduction to a ratio table
- Examples of different kinds of ratio questions and why the wording is important
- Seeing worded fraction questions as ratio problems
- Practical ratio questions eg recipes, speed and density

#### Hidden proportion questions

4.45 - 5.00pm

- Proportion in geometry – scales, similarity, trig and units

### DATE

Thursday 26 November 2020

### WEBINAR LEADER

**Alex Jacques-Williams** is an experienced teacher with over 20 years getting the most out of students studying the Foundation course. He spent the last 15 years turning around students on the GCSE resit course at a sixth form college, where he developed highly successful strategies for boosting student's performance at GCSE. He has been a maths hub lead, SLE and examiner for Pearson at GCSE and A level.

### WHO SHOULD ATTEND?

- Heads of Mathematics
- KS3 maths teachers
- LA and Academy chain advisers

### FOCUS POINTS

- Give students confidence and simple starting points when facing 3-4 mark questions in the GCSE exam
- Techniques and methods with proven success at GCSE
- Linking multiple topics together with several simple techniques and ideas
- Includes coverage of units, fractions, ratios, percentages and rates of change

### WHY SHOULD YOU BOOK A STUDENT WEBINAR?

- ✓ Give your students the edge to find out directly from examiners how to maximise their achievement potential
- ✓ Consolidate and deepen key knowledge essentials
- ✓ Listen to and discuss exemplar work
- ✓ Find out more about the key challenges and what the examiner is looking for in top quality work