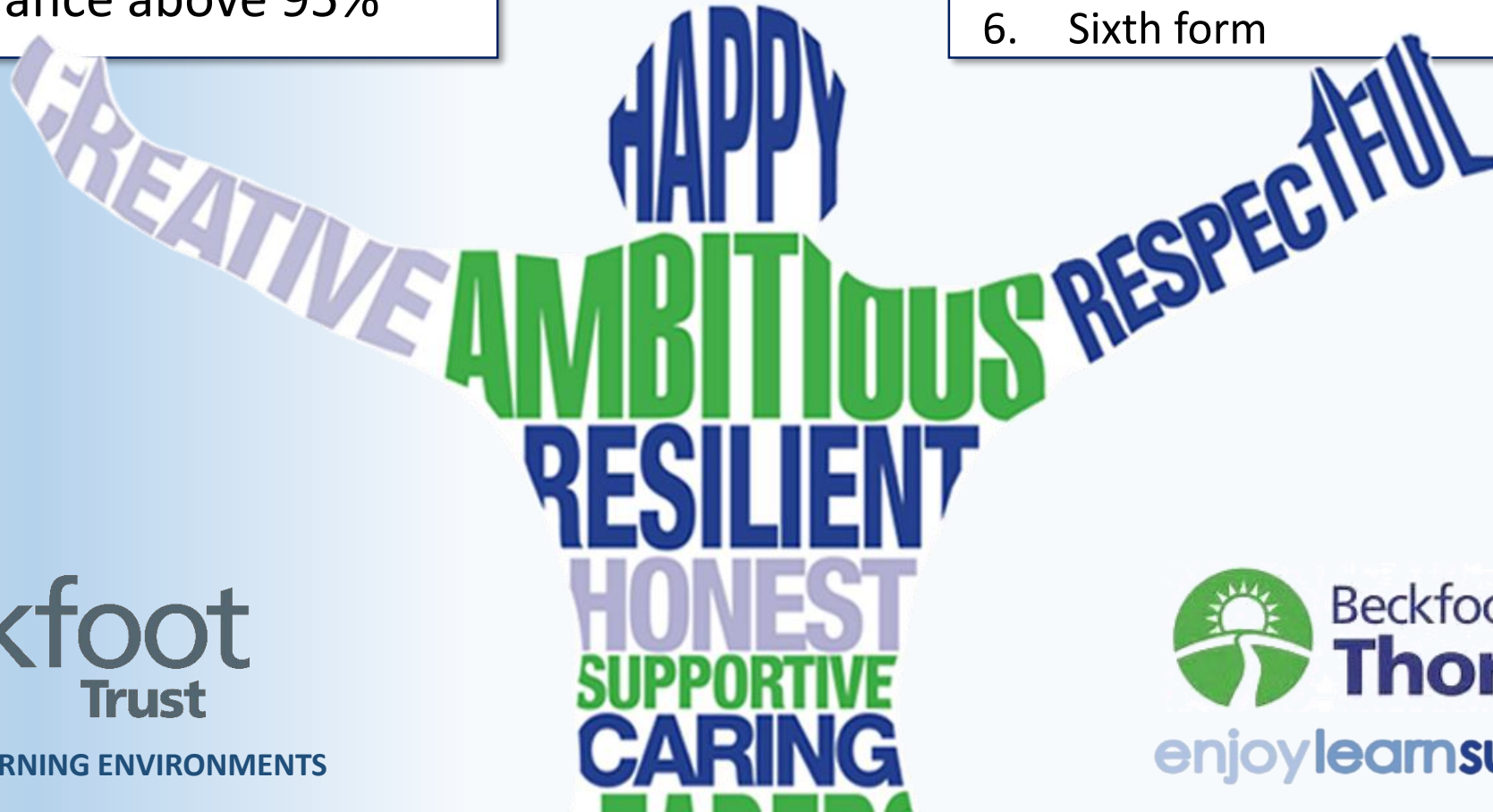


## Aims

1. Top 20% of similar schools
2. Teaching is good
3. 90% no behaviour codes
4. Attendance above 95%

## Priorities

1. Challenge in teaching
2. Approach to learning
3. Student leadership
4. Middle leadership
5. Reading
6. Sixth form



Beckfoot  
Trust

REMARKABLE LEARNING ENVIRONMENTS

 Beckfoot  
**Thornton**  
enjoylearnsucceed

# How to be successful in Mathematics

“The only way to  
learn mathematics is  
to do mathematics.”

Paul Halmos



# How to be successful in Maths

## GCSE 9-1

**Three exam papers; two tiers and an increased level of difficulty**

**Foundation grades 1 – 5 and Higher grades 4 -9**

- **The Foundation tier has an emphasis on calculations involving fractions, decimals, percentage and ratio.**
- **The Higher tier has more content to stretch, challenge and prepare students for A-level. More algebra is featured and 50% of the exam questions target grades 7,8 and 9.**
- **Paper 3 is different in style and has questions where problem solving and reasoning skills are the key to success.**

# How to be successful in Maths

## Equipment – be prepared

- ✓ Ensure you have a scientific calculator.  
We like the Casio range.
- ✓ You will need a ruler, protractor and compass.

## Learn the formulas

Students have all been given a copy of the formula sheet.



# An emphasis on problem solving.

Here is a shape.

The total area is  $1640\text{m}^2$ .

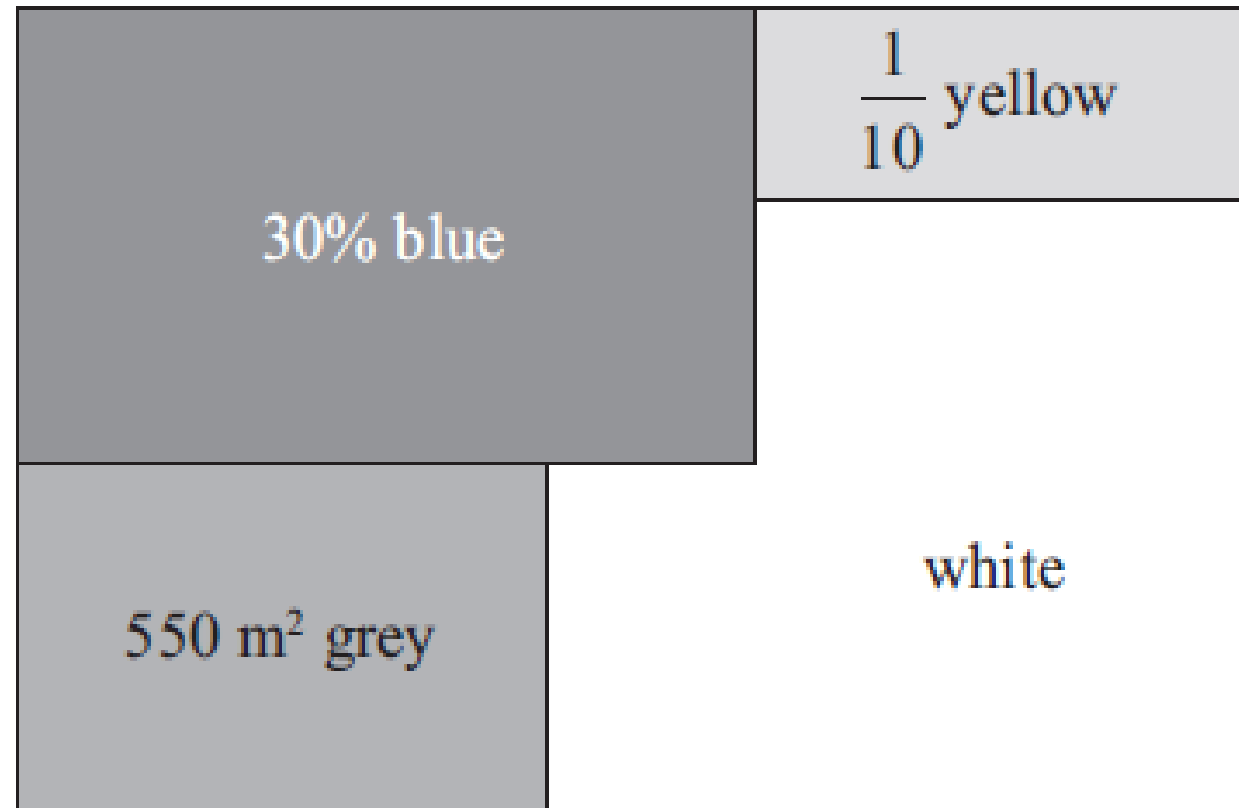
30% of the shape is blue.

$\frac{1}{10}$  is yellow.

$550\text{m}^2$  of the shape is grey.

The rest is white.

Is the white area more than  $400\text{m}^2$  ?



# Which revision guide should I buy?

## **Pearson Target Grade Books – Revision and practice questions**

Grade 3: Number and Statistics; Algebra and Shape

Grade 5: Number and Algebra; Shape and Statistics

Grade 7: Number and Statistics; Algebra and Shape

Grade 9: Algebra; Algebraic Techniques, Shape and Statistics

# Free online resources to use at home

Corbett Maths – lots of videos, 5-a-day

Mr Hegarty –GCSE Maths Revision on YouTube

Maths Genie – videos, revision notes and exam practice questions

SAM Learning