



HUNTINGTON SCHOOL

Huntington Road, Huntington, York, YO32 9WT.  
Tel: 01904 752100 Email: [mail@huntington-ed.org.uk](mailto:mail@huntington-ed.org.uk)  
Headteacher: Mr M Smith

## Year 7: Cognitive Abilities Tests

9<sup>th</sup> September 2024

Dear parent/carer,

We hope your child has enjoyed their first week here at Huntington School.

I am writing to let you know that Year 7 students will be completing their Cognitive Abilities Tests (CATS) assessments in the morning on Tuesday 17<sup>th</sup> September or Wednesday 18<sup>th</sup> September 2024 in the main school hall.

The CATS assessments are designed to measure cognitive abilities in areas such as verbal, quantitative, and non-verbal reasoning. They help us to better understand each student's strengths and areas for development, enabling us to tailor our teaching to better meet their needs. These tests are taken without any revision or preparation so they can assess a student's potential and their ability to reason. An example of the tests can be seen below:

### Verbal reasoning Battery – thinking with words

#### Verbal Classification

<p>Three words are presented which are similar in some way or ways. From a selection of five possible answers, the student must identify a fourth word with similar properties.</p> <p>The answer is snow because rain, fog and sunshine are all types of weather and snow is also a type of weather</p>	<p style="text-align: center;">Rain                      Fog                      Sunshine</p>				
	<p>Winter</p>	<p>Snow</p>	<p>Weather</p>	<p>Dark</p>	<p>Night</p>

#### Verbal Analogies

<p>A Pair of connected words is presented alongside a single word. From a selection of five possible answers, the student must select a word to complete the second pair in the same way.</p> <p>The answer is window, because a carpet goes on the floor and a curtain hangs at a window.</p>	<p style="text-align: center;">Carpet                      Floor                      Curtain</p>				
	<p>Window</p>	<p>Shade</p>	<p>Hang</p>	<p>Drapes</p>	<p>Cloth</p>

## Quantitative (or Numerical) Reasoning Battery – thinking with numbers

### Number Analogies

Two pairs of related numbers are presented. From a selection of five possible answers, the student must select a number to complete a third pair.

The answer is 8. Here 1 add 1 makes 2, but that doesn't work for the second pair because 5 add 1 is 6, not 10. Instead, you have to multiply 2 to get the second part of each pair, so 4 times 2 is 8.

(1 → 2)    (5 → 10)    (4 → ?)

5	7	8	9	10
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### Number Series

A sequence of numbers created by a transformation rule is presented. From a selection of five possible answers, the student must identify the rule and continue the sequence.

The answer is 15. There are two number patterns in this series. The first, third and fifth numbers go down by 1 at a time – 18, 17 then 16. The numbers in between them go up by two at a time – 5, 7 then 9. This means the next number must be 16 minus 1, giving 15.

18 5 17 7 16 9 →

11	12	13	14	15
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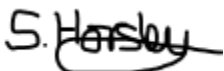
I would like to assure you that there is no need for students to undertake any specific preparation for these assessments. Students will need to bring a HB pencil and an eraser to complete the tests. Further details around lesson slots and assessment hall seating plans for the completion of the CATs will be shared with your child via their form tutor over the coming weeks.

### How do we use the scores?

The national average Standardised Age Score (SAS) is 100. We never use the scores as a limiting judgement of a student's potential as we believe that students at Huntington, with hard work and determination, can achieve anything. You may wish to share the results with your child, or you may decide against it. We will not discuss the scores with the students at school.

Thank you for your support, we look forward to sharing your child's scores with you once they are available – this can take up to 6 weeks. If you have any questions, please contact us using the details shared below.

Yours sincerely,



Samantha Horsley  
Assistant Headteacher- Data, Progress and Attainment  
Tel: 01904 752100 Email: [mail@huntington-ed.org.uk](mailto:mail@huntington-ed.org.uk)