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# 11+ Examination Preparation Guide

This document serves as a comprehensive guide for students preparing for the 11+ examination. The 11+ examination typically covers four main subjects: Maths, English, Non-Verbal Reasoning, and Verbal Reasoning. Please check the Consortium in which you will be applying, to see which of the four parts will be covered by the Exam Board. Below, you will find an overview of the topics to be covered in each subject. You can use the resources on Tuition Junction website to start preparing for the 11+. Resources are continually being added so do visit for regular updates.

## **Mathematics:**

### 1. Number and Arithmetic:

- Addition, subtraction, multiplication, and division of whole numbers, fractions, and decimals.
- Understanding of place value and number patterns.
- Prime numbers, factors, and multiples.
- Fractions, percentages, and ratios.
- Long division and long multiplication.

### 2. Algebra:

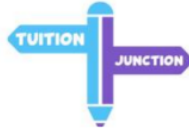
- Basic understanding of algebraic expressions.
- Solving simple equations.
- Recognizing and extending number sequences and patterns.

### 3. Geometry:

- Properties of 2D shapes (squares, rectangles, triangles, circles).
- Properties of 3D shapes (cubes, cuboids, prisms).
- Understanding of angles, lines, and symmetry.
- Perimeter, area, and volume calculations.

### 4. Measurement:

- Units of measurement (length, mass, capacity, time).
- Converting between different units.
- Reading and interpreting scales and measuring instruments.



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#### 5. Data Handling:

- Collecting, organising, and representing data using tables, charts, and graphs.
- Interpreting data from various graphical representations.
- Basic understanding of probability.

### **English:**

#### 1. Reading Comprehension:

- Understanding and interpreting passages of varying complexity.
- Identifying main ideas, supporting details, and author's purpose.
- Making inferences and drawing conclusions.

#### 2. Vocabulary and Grammar:

- Building vocabulary through synonyms, antonyms, and context clues.
- Understanding parts of speech (nouns, verbs, adjectives, adverbs, etc.).
- Sentence structure and punctuation.
- Proper usage of grammar and spelling.

#### 3. Writing Skills:

- Constructing clear and coherent sentences and paragraphs.
- Narrative writing (stories, descriptions).
- Persuasive writing (arguments, opinions).
- Creative writing (poetry, imaginative pieces).

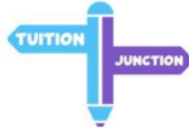
### **Non-Verbal Reasoning:**

#### 1. Spatial Awareness:

- Understanding of patterns, sequences, and relationships between shapes.
- Completing sequences and identifying missing elements.
- Mental rotation and transformation of shapes.

#### 2. Analogies and Classifications:

- Identifying similarities and differences between shapes.
- Classifying shapes based on shared characteristics.
- Completing analogies and recognising patterns.



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### 3. Codes and Symbols:

- Decoding and interpreting visual codes and symbols.
- Applying logical reasoning to solve visual puzzles.
- Recognising and predicting patterns in sequences.

## **Verbal Reasoning:**

### 1. Word Relationships:

- Analogies: Identifying relationships between pairs of words and applying them to new pairs.
- Synonyms and Antonyms: Finding words with similar or opposite meanings.

### 2. Word and Letter Patterns:

- Completing word and letter sequences.
- Recognising patterns in word and number arrangements.
- Decoding coded messages or word transformations.

### 3. Logical Deduction:

- Deductive reasoning: Drawing conclusions from given premises or information.
- Logical puzzles and riddles.
- Critical thinking and problem-solving skills.

It's important for students to practice regularly, familiarise themselves with the format of the 11+ examination, and seek assistance from teachers or tutors as needed. Good luck with your preparations!