

Year 9 Examinations Monday, 9 June to Friday, 13 June 2025

Please find below information regarding the topics to be assessed during the upcoming examinations in the four 'core' subjects for junior students. Further assessment information, and copies of previous examination papers for some subjects, can be found on subject Stratus pages - <http://stratus.pnbhs.school.nz/>, your son will need to use his school username and password to log in.

Social Studies

There are 4 sections in this examination. This examination is worth 90% of the mid-year report grade. The "Adventure Awaits" Common Assessment has already been completed and was worth 10% of this grade.

The sections are:

1. Resource Interpretation (30%)
2. Identify and Demonstrate parts of a Paragraph (20%)
3. Data Skills (30%)
4. Current Events (10%)

Section 1: Resource Interpretation (30%)

Students will be assessed on their ability to make sense of written texts and interpret sources, and provide evidence-based conclusions (**Do 6**). The resources will be provided in the examination. Students must demonstrate their ability to comprehend them.

The content will be:

- **ANZAC and PNBHS Old Boys involvement in World War I.**

Section 2: Identify and Demonstrate parts of a Paragraph (20%)

Students will be assessed on their ability to identify and demonstrate the components of **PEEL** paragraph. (Literacy Connection).

The content of the paragraphs will be from the "**Power to the People**" topic, with a focus on Government. Students will be provided with content and paragraphs which they must then demonstrate the skill of identifying or writing an appropriate point, evidence, example, and/or link sentences based on the resources given. It is an assessment of the skill.

Please Note: In the end-of-year examination, this will transition to students being expected to write their own scaffolded paragraph. Note: students will not be expected to write a full paragraph.

Section 3: Data Skills (30%)

Students will be assessed on their ability to communicate information using social science practices. Specifically, this means their ability to :

- Identify key features of bar graph and create a bar graph using a table of data (**CI 6**)
- Read and interpret data from graphs and tables (e.g. recognise basic patterns, relationships and/or trends) (**'Do' 13**)
- Provide evidence-based conclusions (**PI 3**)

Section Four: Current Events (10%)

This section will involve students answering multichoice-style questions, cartoon interpretation, and short-answer questions. The purpose is to assess students' understanding of important current events.

The current events will be from early 2025 to now.

Science

There are three sections to the Year 9 Mid-Year Examination:

The examination is worth 120 marks in total.

Materials needed: Pen, pencil, eraser, ruler

Stratus Science Year 9 course page has past examinations, Learning Outcomes, and plenty of resource materials and questions for students to study from.

Unit 1: Why is Science, Science? (Introduction to Science)

- 25 Multiple choice questions (25 marks)
- Two written response questions (15 marks) – literacy, public science issue or investigative approach-based questions.

Unit 2: Sea-Level Rise (Separation and Matter)

- 25 Multiple choice questions (25 marks)
- Two written response questions (15 marks) – literacy, public science issue or investigative approach-based questions.

Unit 3: Healthy Lifestyle (Human Biology)

- 25 Multiple choice questions (25 marks)
- Two written response questions (15 marks) – literacy, public science issue or investigative approach-based questions.

English

There are two sections to the exam:

Unfamiliar Text

Students will read three non-fiction articles.

- They will answer a variety of short answer questions that focus on;
 - surface comprehension and inference skills
 - identifying and explaining the effects of language features
 - summarising main ideas
- Students should expect to spend approximately 80 minutes on this section.
- This section represents 70% of the overall mark.

Sentences

- This section assesses students' knowledge of sentences, basic punctuation and grammar including:
 - full stops and capital letters
 - simple, compound and complex sentences
 - parts of speech (noun, verb adverb/adverbial phrase)
 - prefixes and suffixes
 - tense
 - point of view
- This section represents 30 % of the overall grade.
- Students should expect to spend 40 minutes in this section.

Mathematics

The examination is out of 120 marks, or one mark per minute.

The Mathematics Department runs tutorials at lunchtimes on Tuesdays and Thursdays. Students are encouraged to attend if they want to ask questions arising from revision of old examination papers.

Students who revise the end of topic tests they have sat this year as well as weekly homework sheets, will be well prepared for Geometry, Algebra and Measurement. Past examination papers and current homework will help prepare students for Number.

Examination papers are available on Stratus, the student will need to login to gain access.

Please Note: recent mid-year exams may not have covered the same topics as previous years so they may need to look at end of year examinations for revision on those topics.

Students are expected to have a ruler, calculator and pens. **Your son will be at a huge disadvantage without a calculator.**

Measurement: (35 marks)**Knowledge and skills covered in homework and end of topic test.**

- Identifying appropriate units of measurement
- Reading scales
- Unit conversions
- Reading timetables
- Calculating perimeter of shapes, including circumference of circles
- Calculating area of squares, rectangles, triangles, trapeziums, parallelograms and circles. (Formula will be provided)
- Calculating area and perimeter of composite shapes
- Application of area and volume skills
- Calculating volume of prisms and cylinders (formula will be provided)

Number: (35 marks)

- Order of operations (GEMA/BEDMAS)
- Place Value knowledge and how to write numbers from thousandths up to billions
- Prime numbers to 50
- Ordering whole numbers (including integers) and decimal numbers
- Rounding numbers to 1dp, 2dp or 3dp
- Understanding the meaning of sum, product, difference, factors, multiples, exponents (powers), square numbers and roots.
- Addition, subtraction, multiplication, and division word problems involving whole integers and decimal numbers.

Geometry: (30 marks)**Knowledge and skills covered in homework and end of topic test**

- Basic angles (straight line, 360° , vertically opposite angles, right angles, acute,
- Obtuse and reflex)
- Parallel line rules
- Interior and exterior angles of polygons
- Triangle angle rules
- Sum of interior angles of quadrilaterals
- Parts of a circle

Algebra: (25 marks)**Knowledge and skills covered in homework and end of topic test**

- Writing expressions for a word problem
- Simplifying like terms (addition and subtraction)
- Simplifying multiplication
- Simplifying division
- Expanding single brackets
- Factorising expressions
- Solving equations