## English

### Speaking and Listening

The focus of Speaking and Listening will be organisation, content knowledge, delivery and creativity of presentation.

The essential learning will include a student’s ability to
- interpret events, situations and characters in texts
- plan, rehearse and deliver presentations
- formulate questions for specific purposes
- identify and summarise key ideas and information

### Reading and Viewing

Reading will focus on a range of creative and informational texts. The text type Description will be based on people and characterisation. The text type Information Report will be based on cultural aspects of Japan.

Comprehension will be an important component of the reading program and will focus on the strategies of Making Connections and Summarising. Independent Guided Reading and Reciprocal Reading will be an important component of the reading program.

The essential learning will include a student’s ability to
- skim and scan visual components of a text
- understand the ‘Super Six’ reading strategies
- develop different ways to summarise a text
- apply clauses and sentences; including complex punctuation, dependent clauses, conjunctions – when/if/after/as, and position of clauses to make meaning
- research using web-based, print and multimodal texts will be an important focus

### Writing

The text type Description will be based on people and characterisation. The text type Information Report will be based on cultural aspects of Japan.

The essential learning will be
- writing for enjoyment
- the ability to plan, draft and publish a description
- applying characteristic language features
- writing informational, persuasive and creative texts
- developing an understanding of the application of clauses and sentences; including complex punctuation, dependent clauses, conjunctions – when/if/after/as, and position of clauses to make meaning
- an ability to edit own texts

### Grammar

Descriptive texts will focus on the use of complex noun groups and ensuring students use a variety of verbs, adjectives, adverbs and adverbial clauses. Students will extend their understanding of personification, simile, metaphor and alliteration later in the year. Synonyms, antonyms, prefixes and suffixes will be reviewed.

Information texts will focus on combining clauses in different combinations to make complex structures, the use of active and passive voice will be examined, connectives, noun groups and technical language will be developed.

### Spelling

A weekly spelling list will be an important focus of the spelling program. Spelling will involve
- weekly pre-testing and post-testing
- the development of vocabulary
- an understanding of spelling rules
- morphemic knowledge such as word extensions, prefixes and suffixes
- phonological knowledge such as syllabification and word families
- testing
- dictation and editing

Students will be provided with stage appropriate spelling lists, theme words and individualised words to develop their skills and knowledge.

### Handwriting

Students will be expected to build their ability to write fluently in NSW Foundation Style. The use of pens, correct grip and posture and the development of cursive writing will be the focus.

Digital technologies will focus on the student’s ability to word process and use a variety of functions. Experimenting with language, design and layout will also be developed.
### Mathematics

#### Whole Number
Review place value, rounding, factors, expanded notation, partitioning, multiples and problem solving using whole numbers in everyday situations.

#### Patterns and Algebra
Describe, continue and create patterns with fractions, decimals and whole numbers resulting from addition and subtraction. Use equivalent number sentences involving multiplication and division to find unknown quantities.

#### Time
Compare 12- and 24-hour time systems and convert between them.

#### Data
Pose questions and collect categorical or numerical data by observation or survey. Construct displays, including column graphs, dot plots and tables, appropriate for data type, with and without digital technologies.

#### Addition, Subtraction and Money
Use efficient mental and written strategies and apply appropriate digital technologies to solve problems.

#### Chance
List outcomes of chance experiments involving equally likely outcomes and represent probabilities of those outcomes using fractions. Recognise that probabilities range from 0 to 1.

#### Multiplication and Division
Solve problems involving multiplication of large numbers by one- or two-digit numbers using efficient mental and written strategies and appropriate digital technologies. Solve problems involving division by a one-digit number, including those that result in a remainder.

#### 2D Space
Classify two-dimensional shapes and describe their features. Describe Translations, reflections and rotations of two-dimensional shapes. Identify line and rotational symmetries. Apply the enlargement transformation to familiar two-dimensional shapes and explore the properties of the resulting image compared with the original.

#### Angles
Estimate, measure and compare angles using degrees. Construct angles using a protractor.

#### Fractions
Compare and order common unit fractions and locate and represent them on a number line. Investigate strategies to solve problems involving addition and subtraction of fractions with the same denominator. Recognise that the place value system can be extended beyond hundredths.

#### Length
Choose appropriate units of measurement for length.

#### Position
Use a grid-reference system to describe locations.

### Human Society and Its Environment

#### Study of a Cultural Group: Japan
Students will investigate
- geography - major features such as cities, landmarks, landscapes, neighbouring countries and oceans
- ways of life and cultural groups
- traditional and contemporary aspects of culture such as festivals and celebrations, sport, architecture, cuisine and clothing
- influences and interactions between Japanese and Australian cultures
- Bomaderry High School will focus on the topics of Modernisation, Westernisation, Shogunate influences on modern Japan and Manga – comics

### Science

#### Environmental Matters
Students will investigate
- the human impact on a local water source and collect data to evaluate the health of a living environment
- working scientifically using apparatus to determine temperature, salinity and turbidity of water
- the use of technology to present a journalistic report on their findings and recommendations for their community

### Creative Arts
Students will investigate subject matter in an attempt to represent likenesses of the things in the world and make artworks for different audiences assembling materials in a variety of ways. Students will complete the following activities
- Viewing Japanese landscapes
- Watercolour techniques
- Watercolour bookmarks
- Watercolour landscapes
- Ukiyo-e – dragons
- Kanji – calligraphy

### Personal Development Health & PE
Daily fitness, ‘Crunch and Sip’ and weekly sport based on skill development and competition will be at the core. Personal development as measured against the Core Values and weekly Philosophy lessons will be an important focus. The Term 1 sporting activities will build student skills in
- Softball
- Volleyball
- Athletics

### Library and Technology
The information skills of Defining, Locating, Selecting, Organising, Presenting and Assessing will be the main focus of library sessions.

In regards to technology, students will develop their skills in word processing, the use of Web 2.0 tools, accessing selected sites and applying Cyber Safety. Students will complete research tasks related to HSIE topics. The use of Blogs and Wikis will be a key tool of many learning activities.