Year 5, 6
Term Four 2012

Year 4 students will choose appropriate strategies for calculations involving multiplication and division. Students will interpret information contained in maps. Students identify dependent and independent events. They describe different methods for data collection and representation, and evaluate their effectiveness. They will interpret information contained in maps and plot various features and information on a map. Students will solve simple purchasing problems. Students will compare areas of regular shapes using informal units and formulate. Students used scaled instruments to measure temperatures, lengths, shapes and object. They convert between units of time. Students create symmetrical shapes and patterns. Students use the properties of odd and even numbers. They recall multiplication facts to 10 x 10 and related division facts.

Year 5/6 students will recognise the properties of prime, composite, square and triangular numbers. They will describe the use of integers in everyday contexts. Students will locate integers on a number line. They will calculate a simple fraction of a quantity. Students connect fractions, decimals and percentages as different representations of the same number. They calculate common percentage discounts on sale items. They will solve problems involving all four operations with whole numbers. Students use appropriate units of measurement for length, area, volume, capacity and mass, and calculate perimeter and area of rectangles. Students connect decimal representations to the metric system and choose appropriate units of measurement to perform a calculation. Students use a grid reference system to locate landmarks. Students will locate an ordered pair in any one of the four quadrants on the Cartesian plane. Students connect three-dimensional objects with their two-dimensional representations. They construct simple prisms and pyramids.

Maths

Students will understand how the use of text structures can achieve particular effects. They will analyse and explain how language features, images and vocabulary are used by different authors to represent ideas, characters and events.

Students will compare and analyse information in different texts, explaining literal and implied meaning. They will select and use evidence from a text to explain their response to it. They will listen to discussions, clarifying content and challenge others’ ideas.

Students will understand how language features and language patterns can be used for emphasis. They will show how specific details can be used to support a point of view. They will explain how their choices of language features and images are used.

Students will create detailed texts elaborating on key ideas for a range of purposes and audiences. They will make presentations and contribute actively to class and group discussions, using a variety of strategies for effect. They will demonstrate understanding of grammar, make considered choices from an expanding vocabulary, use accurate spelling and punctuation for clarity and make and explain editorial choices.

Procedural texts, flow charts and information reports will be the focus within the classroom. Oral presentation skills will continue to be developed, through independent and small group feedback sessions.

Science

Students will continue with their study of artists, specifically Early Australian artists.

Students will participate in drama activities, to improve oral language skills and verbalisation skills.

Students will continue to develop their understanding of, and the available uses of portable technologies. Students will be involved in a collaborative media project, that aims to develop their abilities to use filming equipment, editing software, and online podcasting software.

Students will be choosing appropriate ICLTs within the classroom to share learning, ie Twitter.

Students will identify the sacraments of the Catholic Church. They will identify the significance and symbolism of the sacraments, specifically Reconciliation and Confirmation.

Year 4 students will describe relationships that assist the survival of living things and sequence key stages in the life cycle of a plant or animal. They will identify when science is used to ask questions and make predictions. Students will describe situations where science understanding can influence their own and other’s actions. Students suggest explanations for observations and compare their findings with their predictions. They will complete simple reports to communicate their methods and findings.

Year 5/6 students will explain how natural events cause rapid change to the Earth’s surface. They will describe and predict the effect of environmental changes on individual living things. Students will follow procedures to develop investigative questions and design investigations into simple cause-and-effect relationships. They will identify variables to be changed and measured and describe potential safety risks when planning methods. They will collect, organise and interpret their data, identifying where improvements to their methods or research could improve the data. They will describe and analyse relationships in data using graphic representations to the metric system and choose appropriate units of measurement to perform a calculation.

PE & Health

Students will be involved in Team Sports, focusing on the skills of:
- Netball
- Soccer
- Hockey

Students will work on techniques to improve athletic abilities in order to compete in the inter-house and inter-school athletic carnivals.

Within the classroom, a focus on healthy living with regards to eating, physical health, social skills, emotional health, safety and self-esteem.

Taking part in ‘Bounce Back’ program.

Extra:
- Bayside Catholic Cluster Athletics Carnival
- Redlands Cluster Interschool Soccer and Netball Competition
- KidSpeak
- Classroom Masses
- Fr Frank visit
- Gymnastics