TOPIC OUTLINE
Term 4, 2016
Grade 2

INQUIRY UNIT

INQUIRY: Float, Soak and Bloat!

QUESTION: What Floats, What Sinks, and Why?

Key Learning Area: Science

Understandings:
- Some objects float and some objects sink.
- The size, shape and material of an object decide whether or not the object will float or sink.
- We can make a sinking object float by changing its shape and increasing its volume.
- We can make an object sink or float by changing the liquid.

Skills:
This term your child will:
- Predict, Observe, Explore and Record the outcomes of investigations.
- Categorise objects that float and sink.
- Compare objects that float and sink.
- Use a variety of materials to design, create and evaluate an object that floats.
- Record predictions, observations and reflections in a Science journal.
- Read and discuss the picture story books ‘Who sank the boat’, ‘Archemedis bath’.
- Make connections between floating and sinking.
- Use wonder wall to pose questions and communicate findings.

ENGLISH

Reading and Viewing
This term your child will:
- Read various forms of poetry.
- Read and follow procedural texts.
- Understand that different types of texts have identifiable text structures and language.
- Understand that simple connections can be made between ideas by using a compound sentence usually linked by a conjunction.
- Read less predictable texts with phrasing and fluency.
- Begin to monitor meaning by rereading and self-correcting.
- Further develop comprehension strategies to build meaning: identify detail, sequence, main idea & compare and contrast.
- Innovate on familiar texts by experimenting with character, setting or plot.
Writing

This term your child will:
• Create short imaginative (poetry) and informative (procedure and reports) texts using a growing knowledge of text structures and language features.
• Apply spelling rules when spelling unfamiliar words such as the doubling rule.
• Understand how to use syllabification to break up words.
• Continue to identify and use punctuation including full stops, question marks, commas and quotation marks.
• Continue to reread and edit text for spelling, punctuation and sentence structure.

Speaking & Listening

This term your child will:
• Continue to develop the use of vocabulary about familiar and new topics.
• Be encouraged to use expression when speaking formally and informally focusing on tone, pace and volume.
• Continue to develop active listening techniques through whole body listening.
• Identify, reproduce and experiment with rhythmic, sound and word patterns in poems, chants, rhymes and songs.
• Participate in ‘Partner Talking Topics’ sessions.

MATHS

Number and Algebra

This term your child will:
• Revise Place Value up to 10,000.
• Revise counting patterns.
• Revise number facts to 10.
• Learn multiplication facts 2s, 5s, 10s.
• Revise the 4 operations – Addition, Subtraction, Multiplication and Division.
• Learn about money (i.e. recognizing coins, notes and making monetary values up $2).

Measurement and Geometry

This term your child will:
• Give and follow directions to familiar locations.
• Use location terms to describe their position or that of an object (i.e. left, right, above, below).
• Investigate the effect of one-step slides and flips.
• Identify/describe half and quarter turns.

Statistics and Probability

This term your child will:
• Identify practical activities and everyday events that involve chance. Describe outcomes as ‘likely’ or ‘unlikely’ and identify some events as ‘certain’ or ‘impossible’.

SOCIAL AND EMOTIONAL LEARNING

This term your child will continue participating in the ‘Little Jigs’ program. This program aims to develop the children’s skills and understandings in relation to their choices and
relationships. This program works towards developing resilience and self esteem within individuals, teamwork and collaboration in groups.

**Personal Learning**
This term your child will acknowledge personal successes from across the year and note where improvements can be made.

**Interpersonal Development**
This term your child will be encouraged to behave appropriately in a range of social situations such as with peers, older and younger students and adults.

**PHYSICAL EDUCATION**
This term your child will be encouraged to regularly participate in activities described as moderate to vigorous and describe the link between physical activity and health. Perform a variety of basic motor skills through minor games and learn the basics of athletics, volleyball, netball and cricket. Your child will continue to develop the ability to work in a team/group and with a partner and be encouraged to develop control when participating in loco motor activities requiring change of speed, direction and level such as participating safely in minor games and relays. They will understand the need for simple rules and procedures in games or small group activities and how to use equipment safely.

**VISUAL ARTS**
This term your child will explore the art elements of colour, pattern and texture to support the Integrated Unit, ‘Float, Soak and Bloat’. They will also learn to draw a symmetrical design and use oil pastels and paint in their art work. They will plan and create Christmas decorations/ornaments.

**ITALIAN**
This term your child will learn about La Scuola (The School), Natale (Christmas) and continue to be exposed to songs and movement. Students will revise the names of clothing and rooms of the house in Italian. They will also continue to practice ordinal numbers, count to 20 as well as continue practicing greetings through a variety of different activities.