

Thomastown Primary School

Grade 3/4/5 Term 4 2017 Overview

Integrated Unit – Theme Park Design

Design Technologies

Students

- work through the design process to plan, make and evaluate a range of theme park attractions.
- balance the needs for entertainment with safety when designing rides
- apply science knowledge about forces
- co-construct design parameters and criteria for success
- draw annotated plans
- use tools and technologies to build models
- test their models and redesign where appropriate
- evaluate their designs against the agreed criteria for success



Science

Students

- understand that gravity is a force that will pull objects towards the Earth
- that in science 'energy' is the ability to do work
- there are two types of energy – stored (potential) and working (kinetic or movement) energy
- theme park rides are good examples of these two types of energy

<p style="text-align: center;">Literacy</p> <p>Read and write a range of explanation texts.</p> <p>Writing Identifying the features of explanation texts Drafting, revising and producing, in print and electronic form, a range of explanation texts Using rubrics and success criteria to assess their own writing and that of their peers</p> <p>Reading Developing comprehension strategies Building vocabulary and finding the meaning of new words Reading fluently</p> <p>Spelling Using spelling patterns and strategies Focus Patterns – short and long vowel Unaccented final syllables- er, le, or, en, ar</p>	<p style="text-align: center;">Maths</p> <p>Fractions Model and represent unit fractions Investigate equivalent fractions used in contexts Count by quarters, halves and thirds, including with mixed numerals. Locate and represent these fractions on a number line Compare and order common unit fractions Investigate strategies to solve problems involving addition and subtraction of fractions with the same denominator</p> <p>Decimals Recognise that the place value system can be extended to tenths and hundredths. Compare, order and represent decimals</p> <p>Chance Conduct chance experiments, identify and describe possible outcomes and recognise variation in results</p> <p>Volume, Mass and Capacity Measure, order and compare objects using familiar metric units of length, area, mass and capacity</p> <p>Money</p>	<p style="text-align: center;">Digital Technology</p> <p>Students will be introduced to coding via computer, Lego technics and robotics. Some of the programmes we will be using are https://studio.code.org/ & https://scratch.mit.edu/ Students can also use these programs & practise coding online @ home.</p> <p style="text-align: center;">The Arts</p> <p>This term the children will be completing a variety of activities celebrating Escape to Everywhere the Book Week theme, provided by The Children's Book Council of Australia.</p> <p style="text-align: center;">Physical Education</p> <p>As part of the general Physical Education Program at Thomastown Primary School, we will be covering the following areas:</p> <ul style="list-style-type: none"> • Fitness • Fundamental Motor Skills • Hand-eye Co-ordination • Basic Movement • Ball Handling skills • Games • Inter School Sport • Athletics
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<p>Revising:</p> <p>School Rights</p> <ul style="list-style-type: none"> - Everyone has the right to learn. - Everyone has the right to be safe. <p>School Values</p> <ul style="list-style-type: none"> - Respect - Honesty - Co- operation - Excellence - Responsibility 	<p>Solve problems involving purchases and the calculation of change to the nearest five cents with and without digital technologies</p> <p>Data</p> <p>Identify questions or issues for categorical variables.</p> <p>Collect data, organise into categories and create displays using lists, tables, picture graphs and simple column graphs, with and without the use of digital technologies</p>	<p>Term One is a particularly busy term as we have our District Athletics Carnival, a basketball clinic for middle school and a visit from several Carlton football players.</p> <p>Training for Cross Country will also commence in the second half of the term.</p> <p>Library</p> <p>Exploring fiction/non-fiction books.</p> <p>Looking @ different authors and genres.</p> <p>Character study & author intent.</p> <p>Looking @ the many types of illustrations in books and what message they convey.</p> <p>Using craft & technology to support library lessons.</p> <p>Incorporating drama, music & play based learning for the juniors to learn rhymes & traditional stories.</p>
<p>Things to Remember</p> <p>Homework – Homework is handed out each Monday to be returned on the following Friday. Students may attend Homework Club on Tuesday from 3.30 to 4.30 pm (see notice)</p> <p>Home Reading- Children are to read each night. If they have a chapter book they may read a little bit each night</p> <p>School Banking- Every Tuesday</p> <p>School Lunch orders- Every Thursday with Santana’s.</p> <p>Lunch time clubs- coding club, origami & craft club, Lego and construction club (Library)</p> <p>Interschool sports- Every Friday</p> <p>Book week- October 16th-20th</p> <p>Funfields excursion- 10th November</p> <p>If you have any questions, please don’t hesitate to contact us.</p> <p>Diana Ghattas & Nez Yon</p>		