***Maths Unit Planner***

***Statistics***

***Grade 2 Term IV Week 1- 2015***

***AusVELS***

**Gr 1:**

Students describe data displays. They ask questions to collect data and draw simple data displays. Students classify outcomes of simple familiar events.

**Gr 2:**

Students collect data from relevant questions to create lists, tables and picture graphs with and without the use of digital technology. They interpret data in context. Students describe outcomes of familiar events using everyday language.

**Gr 3:**

Students carry out simple data investigations for categorical variables. They interpret and compare data displays.

***Key Ideas for Concept Development in Maths***

Classification

Decisions made about the categorisation of objects

Data Process

4-step process

* Question posing
* Data collection – eg. surveys, questionnaires, interviews, experiments, tables, tallies
* Data representation – eg. tables, pictographs, bar/column graphs etc
* Data interpretation/analysis

***Learning Activities***

* Initial Assessment task:



***Discoveries from the pre-assessment***

* Gathering Information About Our Class Talking about data as information. Gathering information about our class activity



* Using the collected data from Wednesday, how can we present the information about our class. Teacher models the graphing of one piece of information from yesterday. Students may work individually or in small groups to present a section of information to the class. Students given large pieces of paper to present information.
* Interpreting data – what conclusions can we draw about the graphs we have made? What do they tell us? What can we learn from this? When would this sort of information be helpful?
* Nelson Maths Book activities – see the book!!

***Lesson Timetable***

Term IV Week 1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| SINE number assessment | Specialist Day | Data unit intro and pre-assessment activityGathering Information About Our Class activity | Short session before PENumber kits and games  | Using Gathering Information About Our Class activity to present information |

Term IV Week 2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| Using Gathering Information About Our Class activity to present information | Specialist Day | Using Gathering Information About Our Class activity to present information | Short session before PENumber kits and games | What does data tell us? Interpreting and gathering information from our graphsNelson maths data activities |

Term IV Week 3

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| What does data tell us? Interpreting and gathering information from a graphNelson maths data activities | Specialist Day | Geelong Cup Holiday | No PE  | Nelson maths data activities Answering questions about graphs |

***Unit Evaluation***

Due to classroom teacher being away, this unit was rather disjointed – being planned by both support teacher and two replacement teachers.

Needed more time on the interpretation of data