

## Assessment Plan

**Subject: 8 Maths**

**Teacher: Christine Kusznir**

**Period of Assessment (term/semester/year) Term 3 2016**

Task Name	Task Description	Assessment Criteria and /or Performance Standards	% Weight	Week or Date Due
Linear Relationships Crow and Pitcher Investigation	Model a linear function through an investigation based on the Crow and Pitcher Fable. Group task to produce a poster including data table, graph of results and analysis and discussion of results.	Successfully draw graphs in a number of different formats, and demonstrate understanding of the basic concepts, recognising and explaining patterns.	20%	Week 4
Linear Relationships Homework Task	A selection of linear equation graphing and problem solving questions from the textbook to be answered in a homework booklet for grading. A selection of graphs to be completed using technology.	Demonstrating the ability to complete graphs and find patterns and linear relationships in unfamiliar situations and use of technology. Graded using ACARA standards such as knowledge of concepts, demonstrating skills and fluencies, proper setting out and logic and use of numerical conventions and technology to express solutions.	20%	Week 5
Linear relationships test	Test on linear relationships: Interpreting line graphs, solving table of values, finding a rule connecting variable and graphing results. Using graphs to solve problems and commenting on slope.	Students must provide an evidence of their mathematical skills and problem solving techniques.	20%	Week 6
Geometry Test	Test on geometric reasoning: Develop the conditions for congruence of triangles. Establish properties of quadrilaterals using congruent triangles and angle	Students must provide an evidence of their mathematical skills and problem solving techniques.	15%	Week 9
Weekly Homework	Weekly homework of class content to ensure students remain current with topics and practise skills and demonstrate understanding of concepts learnt in class.	Students must have their homework checked off each week as set or will be given after school detention to complete.	15%	Ongoing
Fortnightly tests	Quizzes on current content to assess and provide feedback on student learning and application of learning.	Students must achieve a 75% or better result to pass. Failure to do so will result in students having to do a retest in their own time.	10%	Ongoing

① THIS IS A STATEMENT OF INTENT: Teachers may need to make changes if such circumstances arise.

② Should you wish to receive further explanation please contact the teacher or Learning Area Assistant Principal.

## EXPLANATORY NOTES

### INDICATION OF ACHIEVEMENT GRADES

Grade	/15	Grade	/15	Grade	/15	Grade	/15	Grade	/15
A+	15	B+	12	C+	9	D+	6	E+	3
A	14	B	11	C	8	D	5	E	2
A-	13	B-	10	C-	7	D-	4	E-	1

**Any other explanations specific to subjects**