Year 7 Australian Curriculum Mathematics

Course Description
This mathematics course aims to promote a positive attitude to mathematics and its relevance as well as a sound understanding of mathematics and its processes. Topics include order of operations, fractions, decimals, percentages, making financial decisions, volume, area, perimeter and transformations.

Learning Outcomes
Solves problems involving the comparison, addition and subtraction or integers.
Makes connections between whole numbers and index notation
Applies associative, commutative and distributive laws
Solves problems involving all four operations with fractions, decimals and percentages
Uses fractions, decimals and percentages, and their equivalences.
Compares costs of items to make financial decisions
Solves volume, area and perimeter problems using formulas
Can represent transformations on the Cartesian plane

Work Practice Outcomes
Cooperates with teacher and other students
Exhibits a self-disciplined approach to work
Completes set homework
Completes set class work

Materials Required
Calculator, writing materials (pens, pencils etc), ruler, eraser and an exercise book

Typical Homework
Homework will be set on: <www.mymathsonline.com.au>
All students will have their own unique logon and password to access specific tasks. Students who have difficulty accessing the internet may use the computers in the library, or attend tutorials every Thursday at long break. Homework may also include topic investigations as well as completion and revision of classwork.

Assessment Items

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