

Learning Brief

**MA3**

Financial Modelling and Trigonometry

**Week**

**Term**

**2013**

10

01

Unit Goals

* apply an understanding of ratio and proportion to practical situations
* apply geometric and trigonometric procedures in real-life contexts

This week we are starting the Term 2 unit Financial Modelling. We begin by looking at

* wages
* budgeting
* cost of services
* credit cards

Goals



Practical Components

Theoretical Components

All exercises are from the booklet *Financial Arithmetic.*

Wages Ex 2D Q1, Q2, Q5

Budgeting Ex 2F Q1, Q3, Q4

Costs of services Ex 2G Q1, Q2, Q3, Q8, Q9, Q10,

Q11

Credit cards Ex 2H Q1 a) c) e) g) i), Q2, Q4,

Q5, Q6

Important ideas;

* Income versus expenditure – watch the video clip below to get some good tips about budgeting.

<http://www.youtube.com/watch?v=ifrE2n4HbBw>

* Comparing items that are budgeted weekly, monthly or yearly
* Fixed (unavoidable) and variable expenses
* Reading an electricity account
* Using credit cards

<http://www.youtube.com/watch?v=xfd7GdqjUNc>

Investigation

Prepare a monthly budget for yourself or your family as per Q1 in Ex 2F. Make sure you list enough items to make the exercise meaningful.

QFO

Quiz/Forum/Other

There is a forum this week.