

## Goals



### Unit goals

- Understand the concepts and techniques introduced in consumer arithmetic, algebra and matrices, and shape and measurement.
- Apply reasoning skills and solve practical problems.

### This week the work is on

- Review of rates
- Converting rates
- Currency exchange
- Best buys

## Theoretical Components

### Resources:

PDF file: Week 4 Notes & Exercises

On-line resources: linked in the notes and Mathspace

The following site provides a comprehensive view of the concept of unit pricing

<https://www.accc.gov.au/consumers/groceries/grocery-unit-prices>

### Knowledge Checklist

- What is a 'rate'
- Converting rates from one unit to another
- Converting currency
- Using *unit pricing* as an aid when shopping

### Order

1. Look at the Investigation.
2. Work through the booklet and Mathspace lesson to develop the skills necessary to complete the Investigation
3. Complete the Investigation.
4. Show your completed booklet to teacher and submit the Investigation for marking.

## Practical Components

There are questions to be answered in the booklet *Week 4 Notes and Exercises*.

For this week the *Mathspace* lessons are;

Curriculum: World of Math

Topic: Ratio and Rates

Subtopic: → Rates

→ Simple Rates Conversions

## Investigation

On HawkerMaths and GC .

### On-line Quiz

There is an on-line quiz on Mathspace



## Marking Rubrick

	<b>Knowledge, Comprehension and Application</b>				
<b>CRITERIA</b>	<b>EXPECTATIONS</b>	<b>POSS</b>	<b>MULT</b>	<b>GIVEN</b>	<b>TOTAL</b>
<b>Practical</b>	Student completes practical work of the brief to an acceptable standard set by the teacher.	2	3		/6
<b>Portfolio Task</b>	Student completes the portfolio task of the brief to an acceptable standard set by the teacher.	2	2		/4
	<b>Analysis, Synthesis and Evaluation</b>	<b>SUB TOTAL</b>			<b>/10</b>
<b>Written Communication</b>	Student responses clearly demonstrate evidence of logical and comprehensive processes and thought.	4	-		/4
<b>Evidence/ Working</b>	Student submitted task effectively uses the material learned in class to describe and complete the assigned task.	4	-		/4
	<b>Submission Guidelines</b>	<b>SUB TOTAL</b>			<b>/8</b>
<b>Timeliness</b>	Student submits the assignment by the set deadline. See scoring guidelines for specific details.	2	-		/2
		<b>SUB TOTAL</b>			<b>/2</b>
				<b>FINAL</b>	<b>/20</b>