



## SAMPLE ASSESSMENT TASKS

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**MATHEMATICS**  
**PRELIMINARY UNIT 3 AND UNIT 4**

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## Sample assessment task

### Mathematics – Preliminary

#### Task 3 – Unit 3

##### **Conditions**

Period allowed for completion of the task: 4 weeks

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##### **Task 3: Fun day out**

Your class is to plan an excursion to Adventure World.

You can spend \$50 per student. Decide on expenses that include travel, food, drinks and any activities students can afford to take part in when they get there. Those making wise decisions and having money left over will be able to buy a souvenir at the end of the day.

With the help of your teacher complete the following tasks.

Options for your budget planning:

Travel: walk, bus, train

Admission

Food: ice-cream \$2.00, take away food \$10.00, hot dog and chips \$6.00, pies \$2.00 etc.

Drinks: water \$1.00, orange juice \$3.00, fizzy drink \$3.00 etc.

Attractions: Mega pool slides \$2.00, water slides \$5.00, whirlpool \$7.00 etc.

For this task you will need to:

- plan your budget
- pick a suitable travel option and allocate the cost
- choose food and attractions you like
- calculate how much your food, drinks and attractions are going to cost
- calculate your budget
- calculate any money left
- set out all this information in a table
- calculate how many admission tickets are needed for your class
- calculate how many bus and/or train tickets are needed for your class and how much it is going to cost.

Your progress in this task will be documented in the following ways:

- provides budget planning notes and calculations
- calculates how much food, drinks and attractions are going to cost
- produces a table with the information correctly aligned
- calculates how many admission tickets are needed for your class
- calculates how many bus and/or train tickets are needed for your class and how much it is going to cost.

### Task 3 – Completion checklist

Unit outcome: apply counting, addition and subtraction skills to money as whole numbers up to \$100

Description of evidence to be collected by teacher	Date evidence collected	Level of support comments
Calculate how much your food, drinks and attractions are going to cost		
Calculate your budget		
Calculate any money left		

Unit outcome: use multiplication and division skills effectively and recognise when answers are appropriate

Description of evidence to be collected by teacher	Date evidence collected	Level of support comments
Calculate how many admission tickets are needed for your class		
Calculate how many bus and/or train tickets are needed for your class and how much it is going to cost		

Unit outcome: apply multiplication and division skills to money as whole numbers up to \$50

Description of evidence to be collected by teacher	Date evidence collected	Level of support comments
Calculate how many admission tickets are needed for your class		
Calculate how many bus and/or train tickets are needed for your class and how much it is going to cost		

Unit outcome: choose the correct arithmetic operations on a calculator when completing a money calculation

Description of evidence to be collected by teacher	Date evidence collected	Level of support comments
Calculate how many admission tickets are needed for your class		
Calculate how many bus and/or train tickets are needed for your class and how much it is going to cost		
Calculate how much your food, drinks and attractions are going to cost		
Calculate your budget		

## Sample assessment task

### Mathematics – Preliminary

#### Task 4 – Unit 3

##### **Conditions**

Period allowed for completion of the task: 2 weeks

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##### **Task 4: Trip to the cinema**

You are going to plan a trip to the cinema to watch a movie with your friend. You need to work out the length of your journey, length of the movie you are going to watch and also read a bus timetable. With the help of your teacher complete the following tasks so you can get to and from the cinema.

For this task you will need to:

- find the weekly schedule for the movie you wish to watch
- pick a time slot that suits you and a friend
- investigate what transport you will use, such as bus or train.
- estimate the time needed to get there and back using the bus or train timetable
- note how long you will be in the cinema and when you can start the return journey
- set out all this information in a time table.

Your progress in this task will be documented in the following ways:

- provides a schedule for a movie show
- states an appropriate time slot
- provides a bus schedule of the appropriate times
- calculates the travelling time to and from cinema
- calculates the time spent in the cinema
- produces a time table with the information correctly aligned.

## Task 4 – Completion checklist

Unit outcome: use addition and subtraction skills effectively, and recognise when answers are appropriate

Description of evidence to be collected by teacher	Date evidence collected	Level of support comments
Calculate the time needed to get to the cinema and back using the bus or train timetable		
Calculate how long you will be in the cinema and when you can start the return journey		

Unit outcome: interpret and use clocks, timetables and calendars to help manage their daily lives

Description of evidence to be collected by teacher	Date evidence collected	Level of support comments
Investigate what transport you will use, such as bus or train		
Find the weekly schedule for the movie you wish to watch		
Find out the time needed to get there and back using the bus or train timetable		
Find out how long you will be in the cinema and when you can start the return journey		
Set out all this information in a time table covering the whole period of the activity		