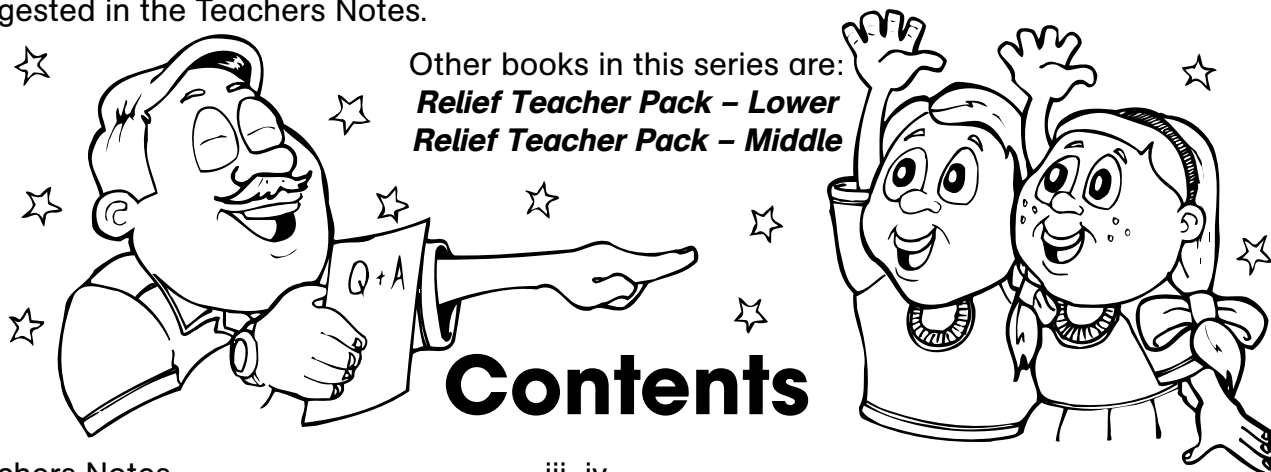


Foreword

Relief Teacher Pack – Upper includes a range of activities covering the areas of English, maths, science, society and environment and health. Each page can be broken into two or more parts and can be presented as separate lessons, worksheets, or as reinforcement activities.

The lessons have been designed to be easy to use, with little preparation or equipment required. Any introductory activities that may be needed, as well as follow-up activities, are suggested in the Teachers Notes.



Teachers Notes iii–iv

Mathematics

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Teachers Notes

Curriculum Area	Page	Activity	Suggestions
Mathematics	1	<i>Morning Tea Time</i>	This activity can be done as a calculator activity or completed on a piece of paper and checked with a calculator. Introduce the idea of using abbreviations on the order forms. Questions can be asked about the various prices, e.g. Why is a cappuccino 10c more than a flat white?. Further calculator activities could be based on the menu using 'x' and '÷'.
	2	<i>Century Partnerships</i>	Discuss the methods that students can use to calculate the answers. This can be in written form and discussed as a class before the sheet is attempted. Rote answers are not important, but a system of calculus is. One column could be done each day.
	3-4	<i>Add a Riddle and Compute a Riddle</i>	Can be done as a calculator activity or done on paper and checked with a calculator. The calculating of the answers can be kept separate to ensure all the algorithms are done before the puzzle is introduced. Students could make their own 'Secret Trails'.
	5-6	<i>How Long Is It? & Measuring Mass</i>	The students should treat the objects one at a time. This means their estimates are not guesses, but based on a known fact. Use graph paper to do the graphing activity as a separate lesson. If scales are unavailable, then the measuring could be done on a whole-class basis with one set of scales.
	7	<i>Times on the Clock</i>	Introduce the various instruments we use to measure time, e.g., clocks, calendars, stopwatches etc. Discuss the various ways of saying the time from a clock (e.g., 6:20 can be said as 'six-twenty' or 'twenty past six'). Further activities could be doing some conversions of time.
	8	<i>Size It Up</i>	Encourage the students to use the answers they obtained to questions 1, 2 and 3 as an aid to answering the other problems. Students could write in the missing room dimensions as an introductory activity.
	9	<i>Symmetry</i>	The butterfly should be done slowly and accurately. This section of the sheet could be photocopied on a separate sheet and enlarged to A4. The definition of symmetry could be discussed.
	10	<i>3D Shapes</i>	The decahedron could be photocopied on a separate sheet and enlarged to A4 size. The other nets could be drawn on paper and made. Ten-sided dice could be made from the decahedron for number games.
English	11-12	<i>Directed Writing 1 & 2</i>	One paragraph could be done daily, and results shared by the whole class. The oral component is important for the writing activity.
	13	<i>Spaced Out</i>	The list of words can be used as an introduction to a class 'space' theme. Discuss the word first. More word study activities could be done using the format used on the sheet.
	14	<i>Space Puzzler</i>	Could also be used as a homework assignment or extension activity.
	15	<i>Space Trivia</i>	Some class discussion on the topic could introduce the activity. This could be done as a group activity, an individual activity or both combined. Students can find their own space trivia on the Internet to quiz others.
	16	<i>Compute It</i>	Discuss the words first. Students could find further information using a dictionary or the Internet. Revise meaning of a noun.
	17	<i>Idiom Madness</i>	The idioms could form the basis for class drama activities. Share the literal drawings with the whole class. Make a list of other idioms students can think of.
	18	<i>Conjunctions</i>	Students need to be familiar with conjunctions before tackling the sheet. Encourage funny sentence endings.
	19	<i>Designs</i>	Encourage the children to choose a common object like a pencil sharpener, item of sports equipment or a small toy. Ask children to read out their detailed descriptions and see if others can identify the item.

Morning Tea Time

The Boardwalk Cafe

Menu

Cakes

Chocolate Supreme	\$3.10
Carrot Crème	\$3.70
Scones with Jam and Cream	\$3.20
Caramel Slice	\$2.50

Biscuits

Anzac Biscuits	\$1.25
Almond Shortbread	\$1.25
Choc Chip Deluxe	\$1.40
Melting Moments	\$1.85

Sandwiches

Ham	\$3.80
Chicken	\$3.55
Salmon	\$3.65
Salad selection extra	\$1.25
Condiments (mustard, relish etc.) extra ...	0.65 (total)

Hot Beverages

Coffee (flat white)	\$2.55
Coffee (cappuccino)	\$2.65
Coffee (espresso)	\$2.65
Tea (pot)	\$2.65
Tea (cup)	\$1.85

Cold Beverages

Iced Coffee (with ice-cream)	\$3.75
Iced Chocolate	\$3.65
Spider (ice-cream and soft drink)	\$3.35
Soft drinks	\$2.55
Fruit juices	\$2.80

1. Enter the prices for the items and add up the totals on these order forms.

(a)

Order Form	\$
3 coffee f/w	7.65
2 iced choc	7.30
2 cola drinks	5.10
1 caramel slice	
2 carrot crème	
3 melting moments	
Total	
Tendered	50.00
Change	

(b)

Order Form	\$
2 coffee caps	
2 tea pots	
1 choc sup	
1 carrot crème	
2 scones j/c	
Total	
Tendered	50.00
Change	

(c)

Order Form	\$
2 s/w ham & salad	
1 s/w ham, salad & mustard	
1 s/w chicken & salad	
2 fruit juices	
1 spider	
Total	
Tendered	50.00
Change	



2. You have \$100 to order morning tea (food only) for the school staff. You have to spend as much of the money as you can and you must have a selection of all the cakes and biscuits.

Use the special Bulk Order Form below to work out your order.

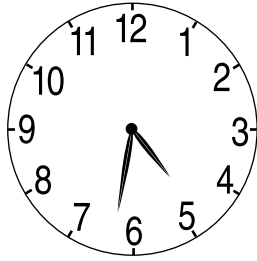
Cakes	number ordered	\$
Chocolate Supreme		
Carrot Crème		
Scones with Jam and Cream		
Caramel Slice		
Total		

Biscuits	number ordered	\$
Anzac Biscuits		
Almond Shortbread		
Choc Chip Deluxe		
Melting Moments		
Total		

Times on the Clock

1. Write the times under the clocks.

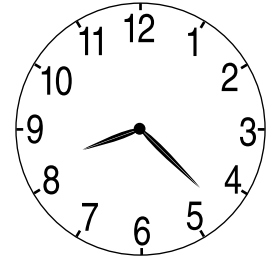
(a)



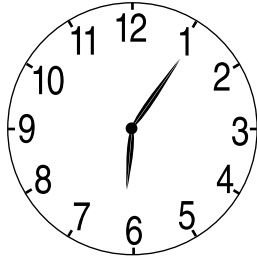
(b)



(c)



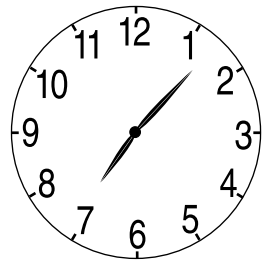
(d)



(e)



(f)

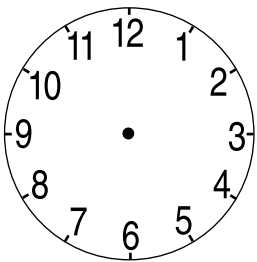


(In words)

(In words)

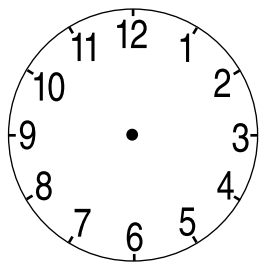
2. Draw the hands on the clock to show the time. Take care with the size of the hands that you draw. Take care with the position of the small hand.

(a)



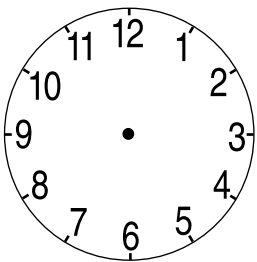
4:46

(b)



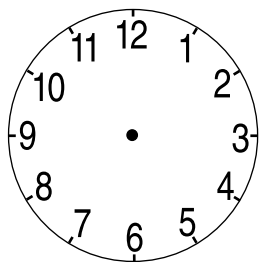
10:39

(c)

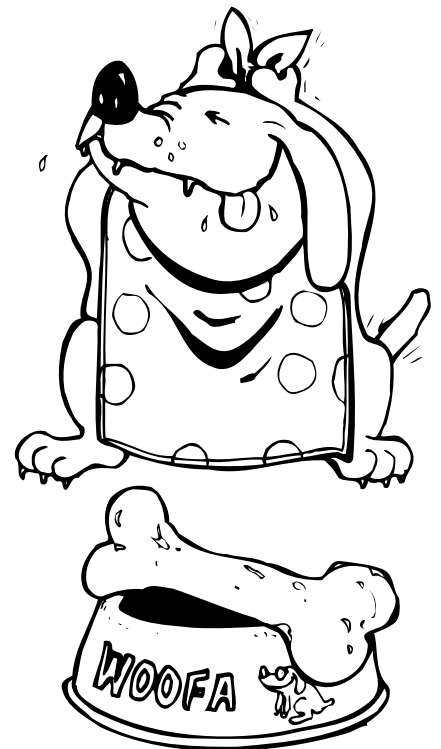


2:09

(d)

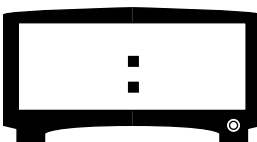


1:19



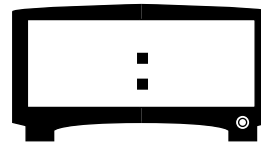
3. Write the time on the digital clocks.

(a)



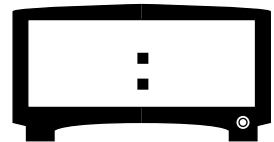
quarter past 8

(b)



quarter to 9

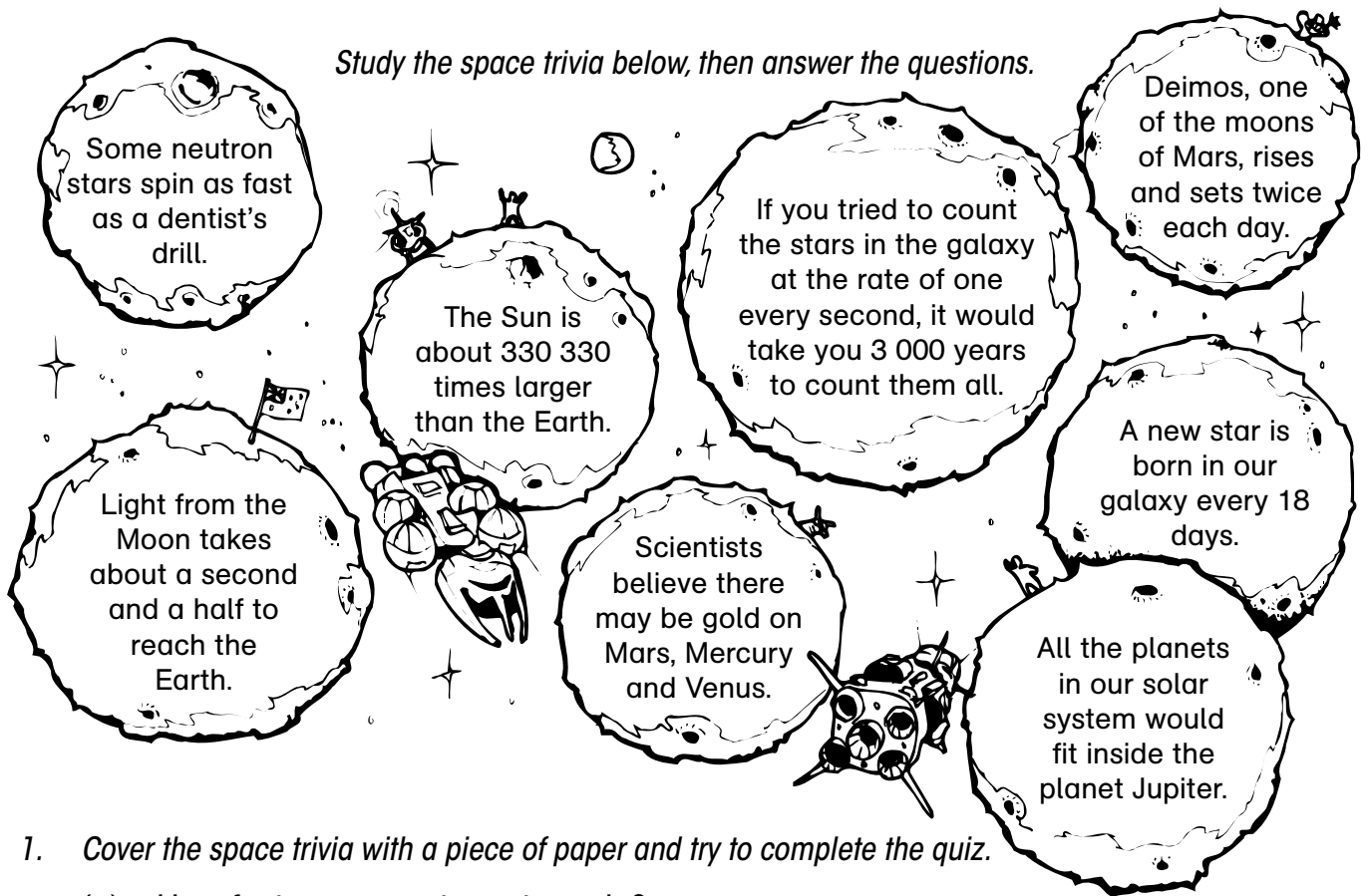
(c)



twenty past 11

Space Trivia

Study the space trivia below, then answer the questions.



1. Cover the space trivia with a piece of paper and try to complete the quiz.

(a) How fast can a neutron star spin?

(b) If you had 3 000 years to spare, what could you do? _____

(c) About how many times larger than the Earth is the Sun? _____

(d) Which planet could fit all the planets from our solar system inside it? _____

(e) Name one planet that may have gold. _____

(f) Every 18 days, what event happens? _____

(g) Light from the Moon takes how long to reach the Earth? _____

(h) What is unusual about the Moon called Deimos? _____

Give yourself a score out of 8. Tick the box that describes your score.

8 right - Moon landing!

5-7 right - Into orbit

3-4 right - Blasting off

0-2 right - Stuck on the launch pad

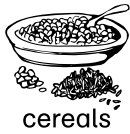
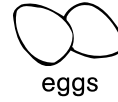
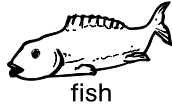
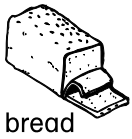
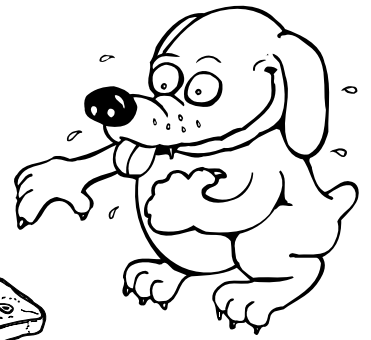


2. Research to find some more amazing facts about space, and make up your own quiz.

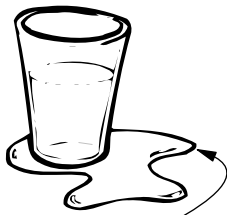
The Food Pie Chart

A food pie chart helps show what our eating habits should be.

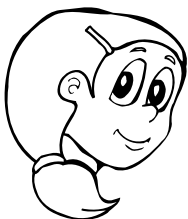
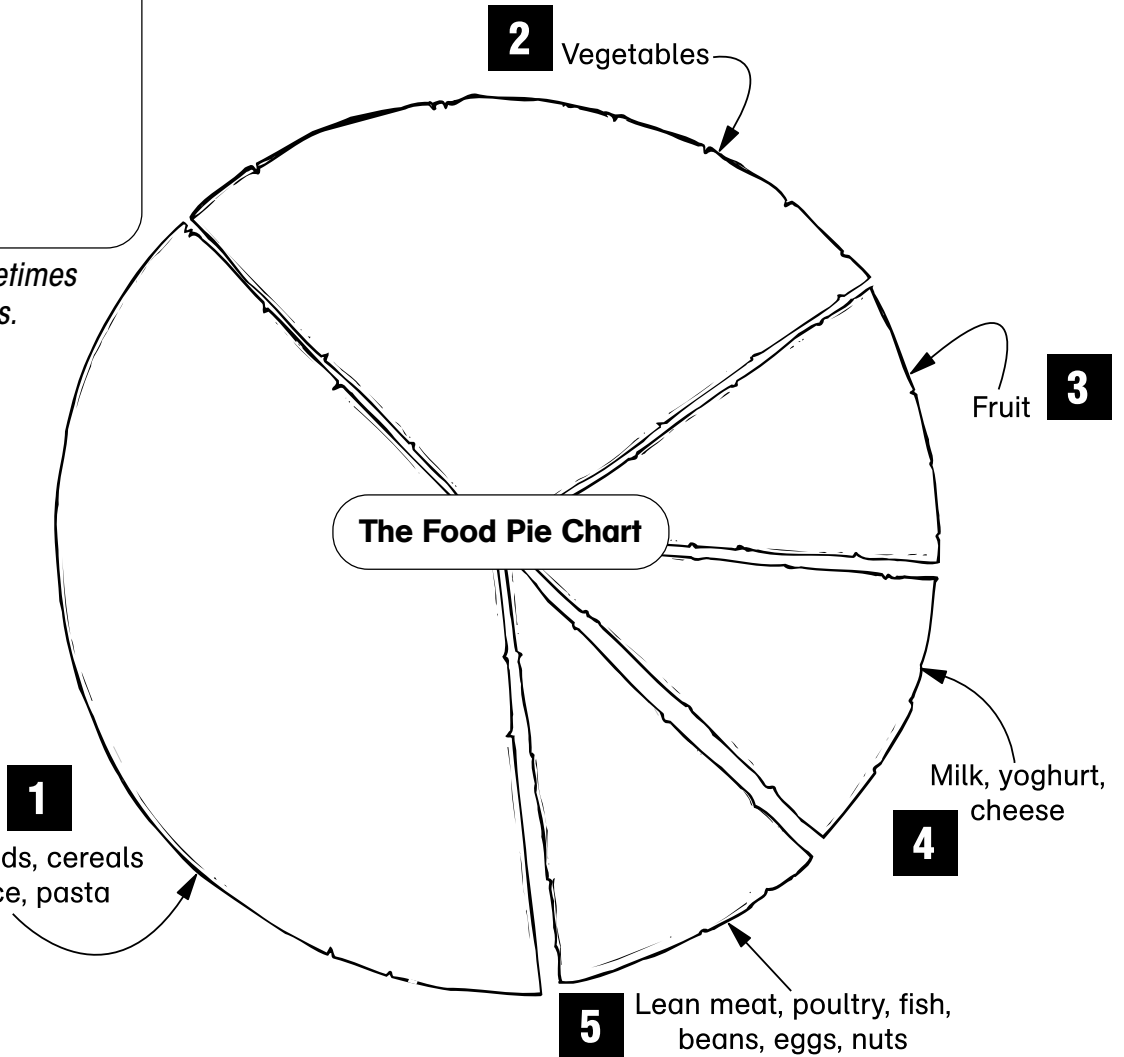
1. Draw and label these foods in the correct place on the food pie chart. Add more of your own.



Choose these sometimes or in small amounts.



Drink plenty of water



2. Write a sentence describing your favourite meal. _____