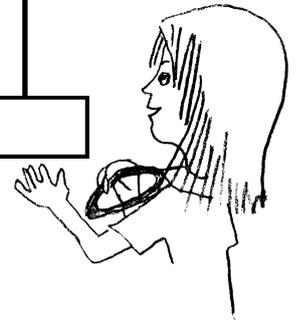
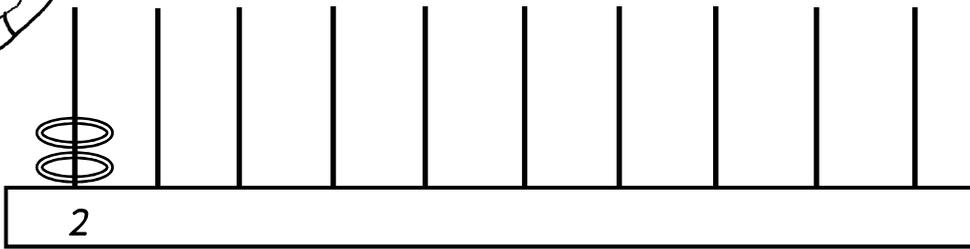
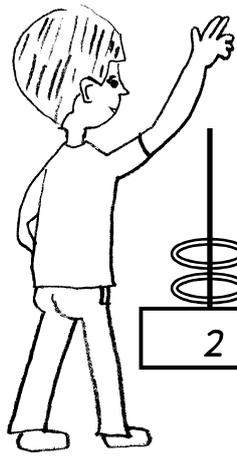


List of Activities and Outcomes.

Page	Activities	Outcomes
	MULTIPLES OF 2	
1	<i>Skip count in 2s to work out savings.</i> Skip count the coins by twos and write the multiples of 2 on the lines.	Finds the total number by repeated addition or by skip counting.
2	<i>How much have they saved?</i> Skip count the cakes by twos. How many cakes are in each box?	Divides objects in equal groups of 2.
3	<i>How many cup cakes are in the cake stall?</i> Skip count the cakes by twos. How many cakes are in each box?	Labels the number of objects in a group e.g. 2, 4, 6, 8 etc.
4	<i>Cake Stall</i> Group the cakes into groups of 2 and then skip count by twos to find how many cakes you have in the cake stall.	Finds the total number using arrays and skip counting.
5	<i>Place 2 coits on each stick.</i> Write the multiples of 2 under the sticks. Calculate the number of coits and note the results.	Arranges a set of objects in columns. Uses repeated addition to multiply.
6	<i>How many bottle tops are in the boxes.</i> Divide the bottle tops into groups of 2 and count by twos (2, 4, 6, 8...). Match the pattern with the number sentence and the answer.	Uses arrays and grouping to multiply.
7	Write the multiples of 2 in the number track. Connect the doubles with their matching additions.	Links doubles with repeated addition.
8	<i>Fruit Stall.</i> Draw different kinds of fruit in multiples of two to match each number sentence. Skip count the fruit by twos, write and tick the answers.	Models and uses arrays as a strategy to multiply.
9	<i>How many shoes?</i> Circle the pairs. Skip count the shoes by twos to find the number of shoes in each group. Write the total amounts in the ovals. Finish the table.	Relates the concept of pairs to repeated addition.
10	<i>The Jumping Contest.</i> Write the numbers on the number line. Circle the multiples of 2. How far can you jump? Work out the multiples of 2 by jump counting along the number line.	Uses a number line to solve multiplication problems.
11	<i>How many shoes?</i> Count the shoes in multiples of 2. Work out the products.	
12	<i>How many worms for me?</i> Skip count the worms by twos and write the multiples of two on the lines as you count, using the 'twos' pattern. Work out the products and colour the answers in the fish. Find and colour in the answers on the fish.	Uses repeated addition and skip counting to solve a multiplication problem.
13	<i>100 Chart.</i> Colour even numbers yellow and odd numbers red. See the patterns. Even numbers end with 2, 4, 6, 8, 0; odd numbers end with 1, 3, 5, 7, 9.	Describes the problems created by modeling odd and even numbers on the hundred chart.
14	<i>Odd and even numbers.</i> Write even numbers on the 100 chart. See the vertical patterns? See the repetition of 2, 4, 6, 8, 0 in each row?	Uses patterns to assist counting by twos.
15	<i>Odd and even numbers.</i> Write in the odd numbers. See the vertical pattern and the repeating pattern of 1, 3, 5, 7, 9 in each row.	
16	<i>Invest and double your money.</i> Draw the correct number of coins and then draw the same number of coins again doubling your original investment. Write a number sentence and the final amount.	Uses the pattern created by modeling odd and even
17	Count in twos and complete a grid and a chain.	numbers for rhythmic counting by twos.
18	<i>Nip was left behind in a camp.</i> Join dots with multiples for Nip to find his way home. Follow the multiples of two in order from 2 to 44.	
19	<i>Count in twos.</i> Join the dots starting from 2 and continue in twos to the highest number in each box (form 4 shapes).	

Page	Activities	Outcomes
20	<i>How many window panes?</i> The windows will be coated with antiglare. How many window panes are to be coated?	Uses patterns of even numbers on number chart for rhythmic counting.
21	<i>Fish for Sale.</i> Draw the coins needed to buy that particular fish. How many \$2 coins do you need for each fish?	Relates counting by twos to money, counting \$2.
22	Zoo. The ticket is \$2. How much will you pay for each group?	Uses repeated addition and/or rhythmic counting to solve a problem
23	How much do the children pay going to the movies? <i>The ticket is \$2.</i> How much will you pay for each group?	
24	Shopping. <i>Count in twos.</i> How much have you spent? <i>Fill in the missing numbers.</i>	
25	<i>How much did they save?</i> Count in 2s to work out how much has each person saved.	Links skip counting by 2s to find the total amount of \$2 coins.
26	<i>Let's go shopping.</i> Count the money in twos, write down the total amount and tick the matching answers on the grid.	Uses skip counting as a strategy to count money.
27	<i>Research.</i> Read each question, find and write the answer.	Uses the correct strategy.
28	<i>Join the Circus Troupe.</i> Work out the products around the outer circle and join the answers with the corresponding numbers on the inner circle to form a pattern on the annulus (circus ring).	Recalls multiples of 2 by rhythmic counting. Selects and applies
29	<i>Crack the Code.</i> Work out the number facts and write the answers in each box. Match the answers with the numbers on the lines and copy the letters matching the answers on the lines to form a message.	appropriate strategies for multiplying. Uses skip counting by
30	<i>Space Holiday.</i> Work out the products in order from the first to the last. Join the dots with the answers starting from 16 and finishing at 16 to form a shape.	twos to find the total amount of \$2 coins.
31	<i>Turn-arounds.</i> Connect the number sentences with the answers. Colour code the turn around sets.	Relates commutative property to turn arounds.
32	<i>Count the Money.</i> Count the money by starting from \$10 or \$20 and then adding on \$2 coins counting by twos (10, 12, 14) or (20, 22, 24, 26...). Tick off or colour the answers in the table.	Solves simple multiplication problems including money.
MULTIPLES OF 20		
33	<i>Birds make homes in a giant tree.</i> Thin branches have lots of nests. There are 2 birds in each nest. How many birds on each branch?	Models equal groups of 20 to equal groups of 2.
34	<i>Let's Play Darts.</i> Complete the multiplication web. (x20) Multiply by 2 and add a 0 to the answer.	Chooses the appropriate strategy to multiply.
35	<i>Count their savings.</i> Use repeated addition or count in multiples of 2 and add a zero to the end product, eg. 2, 4, 6, 8, 10, 120.	Relates counting by 20s to counting by 2s.
36	<i>How much does Jill and Ben save each week?</i> Count in 20s, find the savings.	
37	<i>An Excursion to the Cheese Factory.</i> Draw the correct number of coins to purchase some cheese sticks. Write a number sentence to each purchase.	Develops mental facility for number facts.
38	<i>How much money have they saved?</i> Count the 20c pieces (20, 40, 60, 80 ...) to find the total amount saved.	Applies known strategies for multiplying to work out the total amount of multiples of coins.
39	<i>What can they buy?</i> Count the money, write the total amount in the boxes. Join each answer with the item the children can buy.	
40	<i>How much do they have?</i> Count in 20s to find the matching price. Join the answers with the matching \$20 note set.	Solves a multiplication problem by using a
41	<i>Multiples of 2 and 20.</i> Work out the amount you pay for your shopping.	variety of strategies, e.g.
42	<i>Book Week.</i> Work out how much the students paid for the books they selected. Write the number sentences.	doubles, number lines, turn- arounds, arrays etc.

Place 2 coits on each stick.

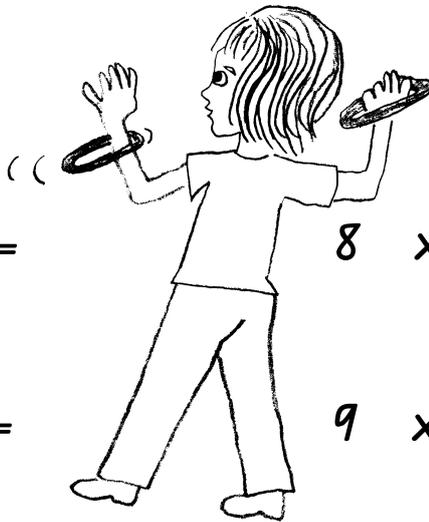


Write the multiples of 2 under the sticks.

How many coits?



$5 \times \text{coit} =$



$8 \times \text{coit} =$

$6 \times \text{coit} =$

$9 \times \text{coit} =$

$7 \times \text{coit} =$

$10 \times \text{coit} =$

$3 \times \text{coit} =$

$1 \times \text{coit} =$

$2 \times \text{coit} =$

What about

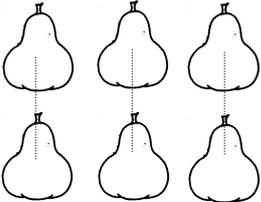
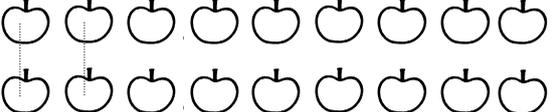
$11 \times \text{coit} =$

$4 \times \text{coit} =$

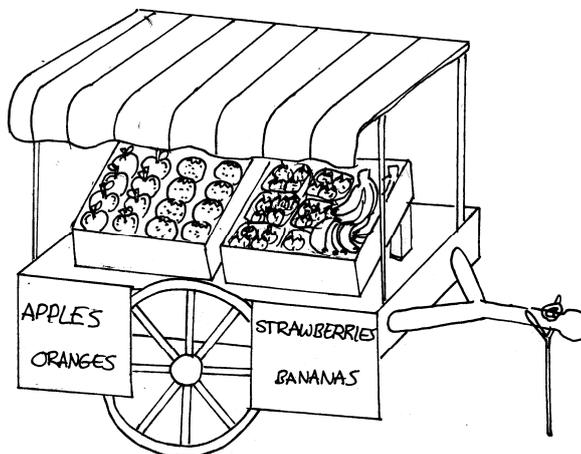
$12 \times \text{coit} =$



Fruit Stall.

$3 \times 2 =$ 	$4 \times 2 =$
$9 \times 2 =$ 	$10 \times 2 =$
$5 \times 2 =$	$6 \times 2 =$
$11 \times 2 =$	$7 \times 2 =$
$8 \times 2 =$	$2 \times 2 =$

\$	✓
6	
12	
22	
8	
18	



\$	✓
20	
16	
14	
4	
10	



Draw different kinds of fruit in multiples of 2 to match each number sentence. Count the prices of fruit by pairing them and then counting by 2's. Find and tick the answers and tick the answers.

Multiples of 2 & 20
© Jays' Education

How many window panes?

Count in twos to find the number of window panes in each building.

2	4	6	8	10
<input type="checkbox"/>				
12	14	16	18	20
<input type="checkbox"/>				
22	24			
<input type="checkbox"/>	<input type="checkbox"/>			

windows panes

$$12 \times 2 = 24$$

windows panes

$$\text{-----} \times 2 = \text{-----}$$

windows panes

$$\text{-----} \times 2 = \text{-----}$$

 The windows will be coated with antiglare.
How many window panes are to be coated?



Turn-arounds.



2×3

4

8×2

2×6

14

6×2

2×7

16

2×2

2×2

12

7×2

2×8

6

5×2

2×1

8

3×2

2×9

10

1×2

2×4

2

9×2

2×5

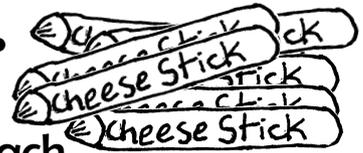
18

4×2



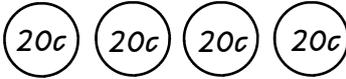
Connect the number sentences with the answers.
Colour code the turn around sets.

An Excursion to the Cheese Factory.



How much for...

20c each.

4 cheese sticks		$20c \times 4 = 80c$
5 cheese sticks		
6 cheese sticks		
7 cheese sticks		
3 cheese sticks		
2 cheese sticks		
8 cheese sticks		
9 cheese sticks		
10 cheese sticks		



Draw the correct number of coins to purchase some cheese sticks. Write a number sentence to each purchase.