

Teacher Information Sheet

Aim

The aim of this activity is to apply students' understanding of numeracy and literacy concepts using puzzles and hands-on activities in an engaging role-play scenario.

Resources and Equipment

Christmas Gift Dominoes

Christmas Wordsearch

Santa's Quiz Maze

Christmas Translator Code

Pencils

Mystery Box (optional)

4 Lock Combination (optional)

Procedure

1. Place a treasure of your choice (an 'IOU' for free time, stickers, treats, stationery) into a box. If possible, lock the box with a number combination padlock.
2. Divide the class into mixed ability groups. Spread the groups throughout the learning space so they cannot see each other's work.
3. Read the following scenario to the class. Be sure to be animated in your delivery... the more exciting the task sounds, the more excited the students will be!

It is Christmas Eve and Santa Claus is preparing for his night of delivering presents. He goes to open the garage to prepare his sleigh, but alas! He has forgotten the combination to his lock. It has been an entire year since he set the code and he has not opened it since. There are 4 digits in the code, hidden within puzzles that relate to Christmas. Can you help crack the codes for Santa to get his Christmas mission back into motion?

4. Introduce the students to the four puzzles (Christmas Gift Dominoes, Christmas Wordsearch, Santa's Quiz Maze, Christmas Translator Code). These can be completed in any order. You may like to keep them at the front of the room near the treasure box so that when one puzzle is completed, a group member can come to the front to collect the next puzzle.
5. Allow the groups to choose a puzzle to start with. When they have completed all six puzzles, they need to put the four digits they have gathered in order using the final riddle. This should be in a secret envelope and accessed only when the digits they have are correct.
6. Once the students have ordered the digits, they must try to open the treasure. This could involve a padlock combination, or could simply require the student to verbally tell the combination to the teacher. (Answer: 2512)
7. To ensure that all of the groups complete all of the puzzles, consolation prizes could also be offered!



Christmas CODE CRACKER

FINAL RIDDLE

Time is drawing closer to midnight, Christmas Day,
But how will Santa deliver presents in time without his sleigh?

The reindeer are anxious about their annual tour,
Their ride and all its magic are a little too secure!

What will happen when children wake, their stockings flat and empty,
We can all imagine that they will be confused, upset and testy.

There hasn't been a Christmas Day that ever has been missed,
But time is running out and Santa's checking the watch on his wrist.

The elves are getting teary about the loss of all their labour,
"We've worked so hard to cater for every child's choice in flavour."

Santa stood there, deep in thought and pondered for a bit,
Then finally he jumped for joy and exclaimed to all, "That's it!"

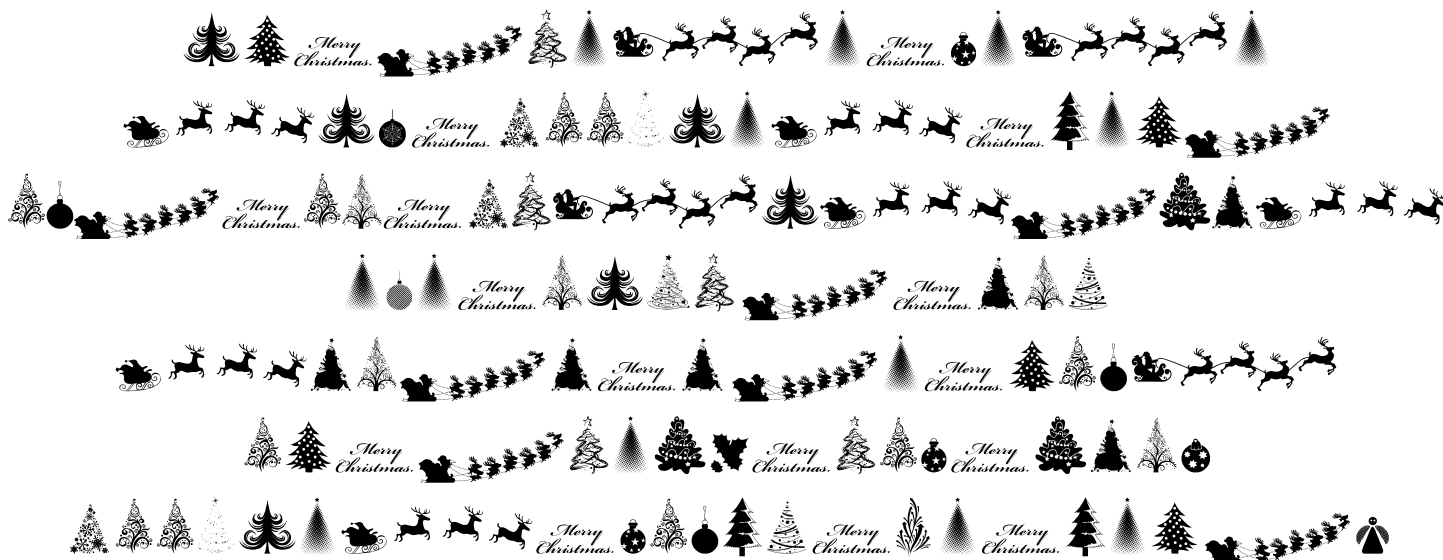
"I know how to compile our clues and help them make more sense,
I can't believe I didn't think about this before, how dense!"

"We have all worked really hard to figure out the clues,
I know we have been through a lot, we've all been feeling blue."





























"The best way to get our sleigh out of its quarantine,
Is by thinking of the most important date in 2018!"

Christmas

CODE TRANSLATOR



CODE

						
A	B	C	D	E	F	G
						
H	I	J	K	L	M	N
						
O	P	Q	R	S	T	U
						
V	W	X	Y	Z	,	?

Merry Christmas.
SPACE

I would like
something delicious,
tasty and sweet,
Something that is
very yummy to eat.



 teachstarter

This is something
I have asked for,
begging to no end,
I really would love
a new fun and
furry friend.



 teachstarter

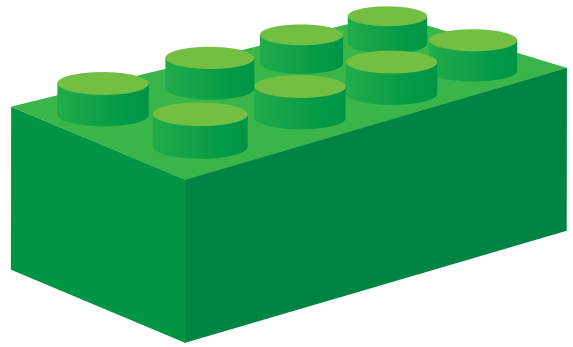
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I only want
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easy enough to
build.



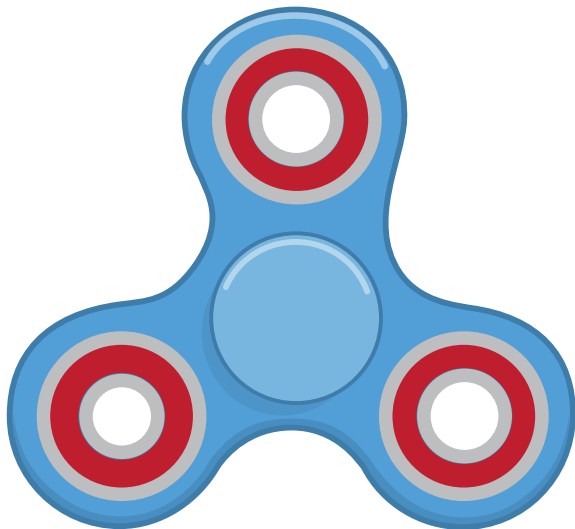
 teachstarter

Rotate this card 90° anticlockwise

Can I please have
something that will
make me grin,
I would really love
something that I
can joyfully spin.



 teachstarter



A normal type of
pet makes an awful
lot of mess,
I would prefer
something digital,
I really must confess.

 teachstarter



Something that is
very popular in my
grade,
To add to my
collection and also
to trade.

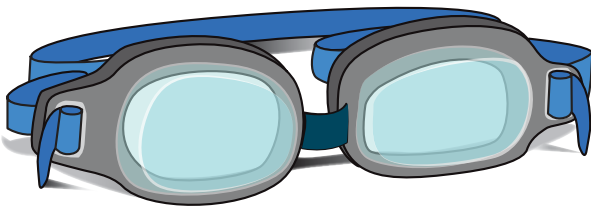
 teachstarter



When summer
time arrives I am
like a sea otter,
I would like
something to help
me swim
underwater.



Rotate this card 90° clockwise



Holidays inside
can be quite dull
and plain,
Can I please have
something that is
suitable for rain.



Rotate this card 90° clockwise



Playing with my
friends gives me a
joyful spark,
Can I please have
something I can play
with at the park.



Can I please ask for
something that is
quite cool,
I would really like
something that
would help me learn
at school.



 teachstarter

There is something
in my mind that
always lingers,
Can I please have a
gift I can squish
with my fingers.



 teachstarter



 teachstarter

Christmas

WORDSEARCH

W X J X K Q F M E A Z A W I T Z H I L N K F
 K T R E E L G K F L W O C H I M N E Y X G T
 P H Z I U D L H B V V Q G E K E F Q U D D N
 D E C O R A T E S T I E A O R N A M E N T S
 N X I C N T Z Z S N D K S Y N C G S F H X I
 G F R O S T Y N S L A D W D F P A R A D E J
 S E F B O U U Y T A J T O E H R F J P D N E
 C S A T B Y L V O M N A D C E E Z O E C V I
 T T K H E R E X C R S T X E H S T A R S J M
 R I N L S L T U K O K P A M S E V M G P X G
 G V I K N H I D I Q C V V B R N T P N N O A
 S A V J P K D P N P V U N E U T E J J D D C
 S L I G H T E L G C T J Y R C S L E I G H E
 J Y T A L G M A K V N P H R Z M B K W U G R
 U C H O L I D A Y E P S A F F E K E J M J R
 Y R L U R M C V X A V W Y O A U Q L L W I B
 T R U D O L P H A P I R M B T M K E B Z T L
 B T J F N A L A G R E E B K X K I F Q B P I
 E B R R M M C P H F O A J V O G Z L V H K T
 L C O C C A S I O N M T R Q S F N M Y P U Z
 L S P Z B V L B L H S H P M I S T L E T O E
 S C U C A N D Y C A N E N I M Y V P H A M N

FROSTY
 FESTIVAL
 LIGHT
 YULETIDE
 STOCKING

SANTA
 DECEMBER
 PARADE
 PRESENTS
 STARS

SLEIGH
 TREE
 DECORATE
 ELVES
 CHIMNEY

ORNAMENTS
 HOLIDAY
 RUDOLPH
 BELLS
 WREATH

FAMILY
 BLITZEN
 MISTLETOE
 CANDYCANES
 OCCASION

Christmas

SANTA FACTS MAZE

Start Here



<p>What is Father Christmas's name?</p> <p>Jolly Old Man</p>	Santa Claus	<p>How many reindeer does Santa Claus have?</p> <p>Thousands</p>	9	<p>What are Santa's little helpers?</p> <p>Elves</p>	Leprechauns	<p>What is Santa's favourite song?</p> <p>Jingle Bells</p>
<p>Where does Santa live?</p> <p>Boxing Day</p>	Jamaica	<p>What does Santa carry everyone's presents in?</p> <p>A sack</p>	10 May	<p>What date does Christmas Day fall on?</p> <p>25 December</p>	25 January	<p>Who is one of Santa's reindeer?</p> <p>Vixen</p>
<p>What is the day before Christmas called?</p> <p>Christmas Eve</p>	Rudolph	<p>What is the name of the reindeer with a red nose?</p> <p>Donna</p>	Chimney	<p>Which entrance does Santa use to come into people's houses?</p> <p>Front door</p>	Side window	<p>What is Santa's wife's name?</p> <p>Mrs. Claus</p>
<p>Where does Santa leave presents?</p> <p>Letter Box</p>	Stocking	<p>What is Santa's original name?</p> <p>Saint Claus</p>	Sint Nikolaas	<p>Where is the original Santa Claus from?</p> <p>The Netherlands</p>	USA	<p>What is Santa's uniform?</p> <p>Purple Pyjamas</p>
<p>What season is Christmas in the southern hemisphere?</p> <p>Summer</p>	Magic Carpet	<p>What does Santa travel in to deliver presents?</p> <p>Sleigh</p>	Frosty	<p>What is the name of the snowman in the famous Christmas carol?</p> <p>Olaf</p>	Shepherd's Pie	<p>What is Santa's favourite snack?</p> <p>Candy Canes</p>

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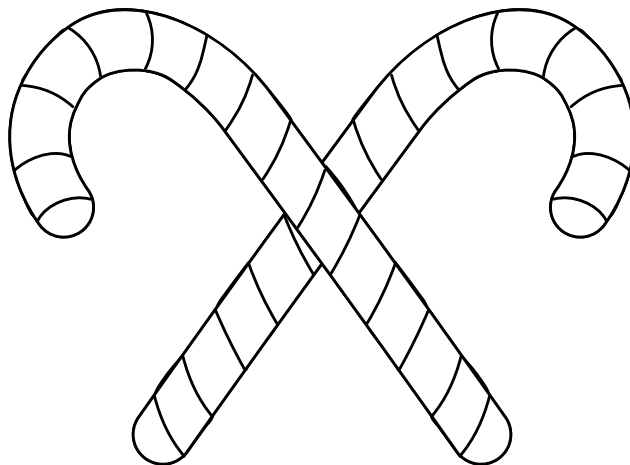
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CODE TRANSLATOR ANSWER

If there were six cookies left out on Christmas Eve night and Santa ate four of them, how many cookies would be left?



CHRISTMAS GIFT DOMINOS - ANSWER SHEET

<p>I don't want something that relies on being drilled, I only want something that is easy enough to build.</p>		<p>This is something I have asked for, begging to no end, I really would love a new fun and furry friend.</p>		<p>I would like something delicious, tasty and sweet, Something that is very yummy to eat.</p>	
<p>Rotate this card 90° anticlockwise</p>  <p>Can I please have something that will make me grin, I would really love something that I can joyfully spin.</p>					
	<p>A normal type of pet makes an awful lot of mess, I would prefer something digital, I really must confess.</p>		<p>Something that is very popular in my grade, To add to my collection and also to trade.</p>		<p>When summer time arrives I am like a sea otter, I would like something to help me swim underwater.</p>
					<p>Rotate this card 90° clockwise</p>  <p>Holidays inside can be quite dull and plain, Can I please have something that is suitable for rain.</p>
					<p>Rotate this card 90° clockwise</p>  <p>Playing with my friends gives me a joyful spark, Can I please have something I can play with at the park.</p>
		<p>There is something in my mind that always lingers, Can I please have a gift I can squish with my fingers.</p>		<p>Can I please ask for something that is quite cool, I would really like something that would help me learn at school.</p>	

Christmas

WORDSEARCH ANSWERS

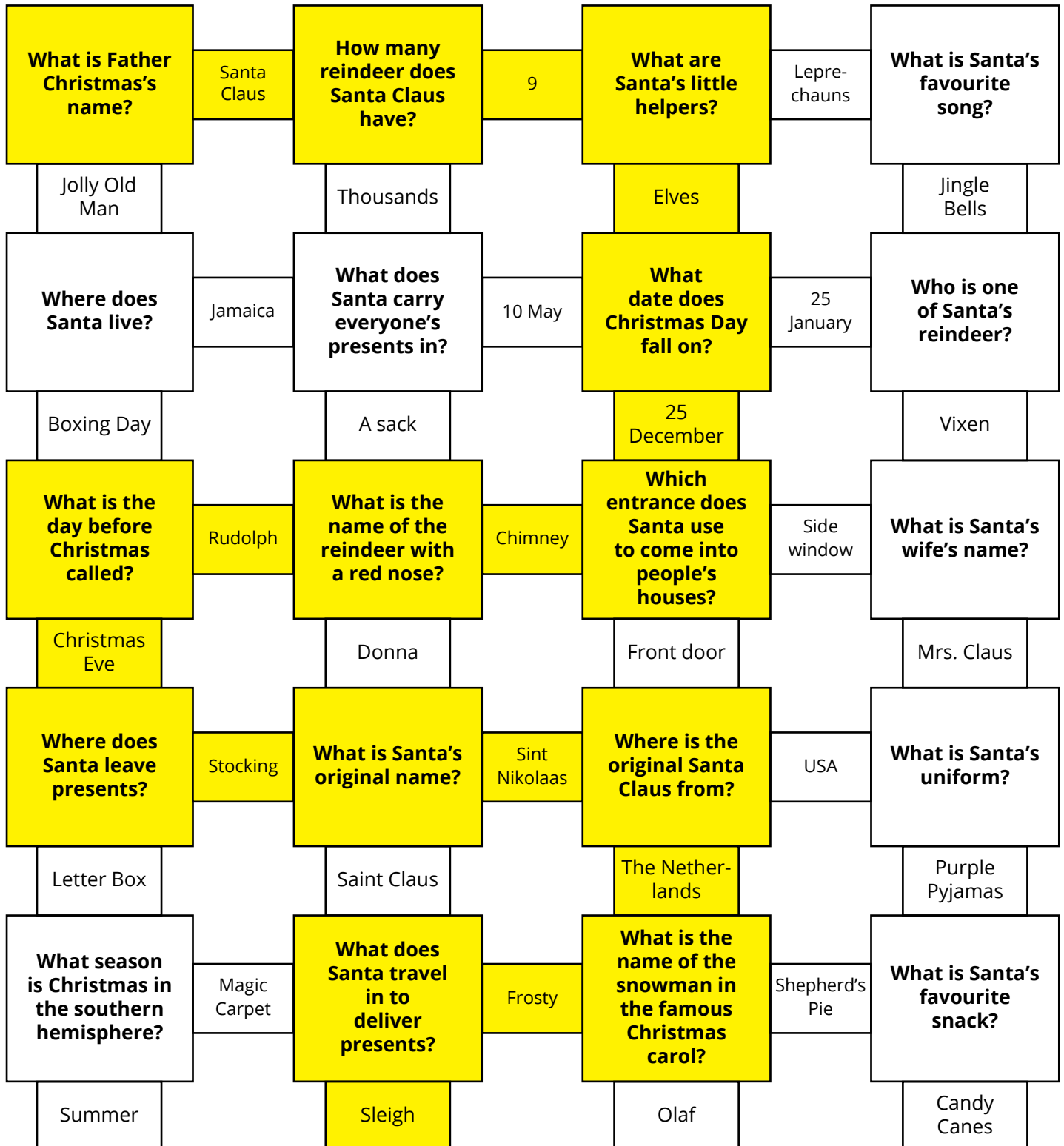
W X J X K Q F M **E** A Z A W I T Z H I L N K F
 K **T R E E** L G K F **L** W O **C H I M N E Y** X G T
 P H Z I U D L H B V **V** Q G E K E F Q U D D N
D E C O R A T E S T I **E** A **O R N A M E N T S**
 N X I C N T Z Z S N D K **S** Y N C G S F H X I
 G **F R O S T Y** N **S** L A D W **D** F **P A R A D E** J
 S **E** F B O U **U** Y T **A** J T O E H R F J P D N E
 C S A T B Y L V O M **N** A D C E E Z O E C V I
 T **T** K H E R E X C R S **T** X E H S **T A R S** J M
 R I N L S L T U K O K P **A** M S E V M G P X G
 G **V** I K N H I D I Q C V V **B** R N T P N N O A
 S **A** V J P K D P N P V U N E U T E J J D D C
 S **L I G H T** E L **G** C T J Y **R** C **S L E I G H** E
 J Y T A L G M A K V N P H R Z M B K W U G R
 U C **H O L I D A Y** E P S A **F** F E K E J M J R
 Y R L U R M C V X A V **W** Y O **A** U Q L L W I **B**
 T **R U D O L P H** A P I R M B T **M** K E B Z T L
B T J F N A L A G R E E B K X K **I** F Q B P I
 E B R R M M C P H F O A J V O G Z **L** V H K T
 L C **O C C A S I O N** M T R Q S F N M **Y** P U Z
 L S P Z B V L B L H S H P **M I S T L E T O E**
 S C U **C A N D Y C A N E** N I M Y V P H A M N

- FROSTY
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