

Counting On You!

Maths challenge at The Model Village

STUDENT INTRODUCTION

- ✓ Use your observation skills to answer these model village maths challenges!

TALLY

- » As you walk around The Model Village look out for these animals!
- » Each time you see one, put a tick in the correct box.



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Let the challenge begin!



Look out for the letters on the path as you walk around The Model Village. They will help you find the answers to these questions!

Count the aeroplanes. How many can you see?

They are called bi-planes because they have double wings.

Can you think of another common bi- word?
(clue: it has two wheels!)





What numbers can you see on the hot air balloon?



Find the **Griffin Hotel** and count the chimneys.



Look out for red squirrels as you walk

up the street - record tally

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CHALLENGE

And can you see another smaller model of the model village inside the model of the model village?

It's no wonder ED the squirrel is puzzled!



There is a wedding **at the church**. How many people can you see at the wedding?



How many **gypsy caravans** are there?

Count the horses. How many horses must pull each caravan?



Don't forget to add the horses and dogs to your tally!



Next is a model of the seaside at Shanklin.

How many boats are there in total?

There are three different types of boats. Can you write a number sentence to show the groups?

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

How many beach huts are there in total?

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Find the cricket match.

How many are playing cricket?

Train Spotting Time!

What is the number on the Sandown Zoo train?

How many dinosaurs are being transported?

How many trains stop at Godshell Station?

How many carriages do these trains pull?

Write a number sentence showing how many people are on each platform:

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$


Can you hear a band playing?

How many people are in the band?

How many people are watching?

What is the difference between the number watching and the number playing?



Find the Monteaagle Hotel



What is the car registration number?

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The big yellow building is Upper Chine Girls School



How many chimney pots can you count in total?

How many groups of **THREE** pots are there?

Write a number sentence to show this

How many groups of **TWO** pots are there?

Write a number sentence to show this



Find the camp site

How many tents can you see?

If 2 people can sleep in one of the small tents, how many people in total can sleep in all of them?

Count the campers. Look behind you too! How many are there?

Are there enough tents?

How many more are needed?



Find St Blasius Parish Church

What is the time? Just past o'clock

As you walk past, don't forget your animal tally!



1 0 9 2 4 1

Find the Football Match

How many players should there be on each team?

With the referee, how many people in total should be on the pitch?



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Count the horses and count the jumps www.edudest.uk

How many more horses than jumps are there?



Find the High Street shops

The prices are in 'old money'. 8d means 8 old pence.

What could you buy for 8d?

Find the sign to Ventnor

How far is Ventnor?

Finally, **look for the teapot**. What are the numbers on it?

What do you think these numbers mean?

WELL DONE on completing the challenge!

