

Whose Present? *Video Example*

Santa Claus and **Mrs Claus** spend Christmas day with two of their Elves, Miss Sugarplum Fairy and **Mr Alabaster Snowball**. The clues below show each person's **favourite Christmas song**, their **favourite Christmas food** and **what they like to do on Christmas day**:

The person who loves the song **Jingle Bells** is not an Elf.

Santa Claus is not the person whose favourite food is **mince pies**.

The person whose favourite song is **White Christmas** loves **Christmas pudding**.

Sugarplum Mary's favourite Christmas food is **Turkey**.

One of the men loves playing **board games** on Christmas day.

The person who loves **watching a film** on Christmas day is not the person whose favourite song is **Frosty the Snowman**.

The Elf who loves **sprouts** makes a **snowman** on Christmas day.

The person who loves the song **12 Days of Christmas** always goes for a **walk** on Christmas day.

Work out each person's favourite Christmas song, food and activity.

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	Song	Food	Activity
Santa Claus			
Mrs Claus			
Mary			
Alabaster			

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Whose Present?

Fred and Amy are twins. They were talking to their friends Zara and Tom about the presents they were given for Christmas, how they were wrapped and where their presents were put. Here is what we know:

One child was given a basketball.

The present wrapped in spotty paper was left on the sofa.

One of the boys was given a camera.

Fred's present was wrapped in stripy paper.

The present left on the kitchen table was not the Lego.

The present wrapped in ribbon was left under one of the boys' beds.

One of the twins got a skateboard, which was left under the Christmas tree.

The present wrapped in gold paper was not given to one of the twins.

For each child, work out which present they were given, how it was wrapped and where it was put.



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Whose Present?

	Present	Wrapping Paper	Where
Fred			
Amy			
Zara			
Tom			

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Fred			
Amy			
Zara			
Tom			

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Fred			
Amy			
Zara			
Tom			

Whose Present?

C Design a logic puzzle about the **favourite food, age** and **eye**
R **colour** of Santa's reindeer.
E The four reindeer are called **Dasher, Vixen, Rudolph** and **Olive**.
A Dasher and Rudolph are male. Vixen and Olive are female.
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E **Write a range of different clues. Hide the answers!**

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	Favourite Food	Age	Eye Colour
Dasher			
Vixen			
Rudolph			
Olive			

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CHRISTMAS TASKS: Answers

Whose Present?

	Present	Wrapping Paper	Where
Fred	Skateboard	Stripy	Christmas tree
Amy	Lego	Spotty	Sofa
Zara	Basketball	Gold	Kitchen
Tom	Camera	Ribbon	Under Bed

Possible order to working out clues:

1. Fred has stripy paper.
2. Tom has ribbon and his present is under his bed (he is the only boy that could have the ribbon).
3. Zara has the gold paper (the only person left who is not a twin)
4. Amy must be the child with the spotty paper (the last wrapping paper left) and this present was on the sofa.
5. The twin whose present (a skateboard) was under the Christmas tree must therefore be Fred.
6. This leaves Tom as the boy who was given the camera.
7. The final place for a present is the kitchen for Zara. She does not get the Lego, so that must be Amy.
8. Zara gets the basketball.

I SEE MATHS RESOURCES

A range of resources for developing deep, visual mathematics can be found at www.iseemaths.com

[Here you will find information about online training and in-school training](#) led by Gareth Metcalfe. For more information or to make a booking, email iseemaths@hotmail.com

The ***I See Reasoning*** eBooks provide a range of thought-provoking tasks and questions for embedding reasoning in daily lessons:

[I See Reasoning – Y6](#)

[I See Reasoning – Y5](#)

[I See Reasoning – LKS2](#)

[I See Reasoning – KS1](#)

[I See Problem-Solving – UKS2](#) and [I See Problem-Solving – LKS2](#) give a bank of multi-stage maths tasks. There are support features and worked examples to build understanding. Extend tasks deepen the challenge!

iPad app [Logic Squares](#), ideal for children in KS2, gets children applying calculation facts and thinking strategically.

Social Media

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