



Gooderstone Gazette

The newsletter from **Gooderstone C of E Primary Academy** - Your school, your news!

Worship

theme:

Choices- being true to yourself

Writers of the week:

Owls:

Hattie James

Skylarks:

Sophie Vincent

Kestrels:

Molly Lambert

Stars of the week:

Owls:

Harry – great attitude to learning.

Skylarks:

Dexter positive attitude & great answering in Maths

Kestrels:

Leon – excellent determination & always works hard

Cake raffle

total:

£53.90

Maths Problem of the Week

Jigsaw Pieces

We are going to look at possible jigsaw pieces.

The kind of jigsaw we're looking at is rectangular, with straight edges.

Some of the most common jigsaw shapes are a bit like these three pieces below:



So, for each jigsaw piece we start with a square template, then some sides have a peg. The edge pieces of the jigsaw have one or two straight sides.

We will only use pieces that have at least one peg and one hole.

Challenge 1

Using pieces that have at least one peg and one hole, find **all the possible ways** of making a rectangular jigsaw three pieces wide and two pieces deep, with straight edges all the way around. All six pieces should be different.

Challenge 2

Find all the possible pieces that have at least one peg and one hole.

Challenge 3

Read all of this one before starting!

Again, only use pieces that have at least one peg and one hole and none the same. Find as many possible ways of making a two by four rectangular jigsaw, starting with **this piece** in the top left-hand corner.



Each week's problem & a box for posting your solutions in can be found in the school corridor – between Elm & Sycamore. Remember to put your name on your solutions.

Let every light shine

Like last week, this problem involves **finding different possibilities**. It also requires some resilience and perseverance as the solution is not quickly reached or immediately obvious. Not sure how to get started? → Get out a real jigsaw and look at the different shapes of pieces. Feeling more confident? → Can you estimate how many possible arrangements there will be before you start drawing them? Can you **work systematically** to find all the possible arrangements?

Two big thank yous...

Thank you so much for all of your kind donations of food for our Harvest Festival and for attending the service in the church (especially as it was so chilly!)

Also, thank you for your kind contributions for the Macmillan Coffee morning organised by the Friends. They managed to raise a fantastic...

£201.90

It seems we are all big fans of cake!

Big Question of the Week!

What are your true colours?

Journalism club is up and running!

As you will see, we have a new addition to The Gooderstone Gazette, a newspaper written and designed by the journalism club called The Twilghter! This will be coming out every 2 weeks and will include puzzles, riddles, comics and of course the news of the last two weeks.

Kestrels Gooderstone Gathering

This morning, Kestrels had a Gooderstone Gathering based around the idea of managing worry and stress. They had some excellent discussions about what they were worried about for the year ahead and thought of some fantastic ways to deal with these stresses. These included considering what is in/out of our control and using mindfulness. But the main thing was to talk about our worries!

And remember... STRESSED spelled backwards is DESSERTS and who doesn't feel better after some chocolate?

Dates for your diary (subject to change).

Thursday 1st November- Federation Day. Parents' Evening.

Friday 9th November- Remembrance Service.

Monday 12th November- Friday 16th November- UK Parliament week.

Thursday 15th November- Owls' Gooderstone Gathering

Friday 16th November- Children in Need.

Friday 30th November- Skylarks' Gooderstone Gathering

Wednesday 5th December- Gooderstone Tea Party (2:30pm)

Friday 7th December- Kestrels' Gooderstone Gathering

Tuesday 11th December- Christmas show (2:00pm and 6:00pm)

Monday 17th December- Carol service. (2:30pm)

Let every light shine