

20th DECEMBER 2021

RESPECT

**RESILIENCE** 

**RESPONSIBILITY** 

**EXCELLENCE** 

**AMBITION** 

#### **Weekly Puzzle:**

2021 was an interesting year Mathematically.

Square 2021 and you get 4084441.

Now reverse those digits: 1444804.

Square root that new number to get 1202.

And when you reverse this you get back to 2021...

When is the next year when this "SQUARE IT-REVERSE IT-SQUARE ROOT IT-REVERSE IT" pattern will happen?

### Right of the Week...

#### **Article 39 states:**

"I have the right to help if I have been hurt, neglected or badly treated."







































### SI Scientists were making Copper Sulfate crystals!



Here's Jay Kerr and Anya McGillivary with their experiment set up!

## Sign of the Week: "Happy Christmas"



"Happy" - clap the heels of your hands together twice



"Christmas" - indicate
Santa's beard coming down
from your chin.

# Here are just some of the fantastic entries to our Christmas Card Competition...







We're sad to say that Mr Keachie and Mrs Worrall are leaving Grange Academy after the hols.

Mr Keachie and Mrs
Worrall: thanks for all
you've done for the school
you'll be missed but hope
that your exciting plans
for the future are utterly
fulfilling!!



RESPECT

RESILIENCE

**RESPONSIBILIT** 

EXCELLENCI

**AMBITION** 



Miss Gemmell and Miss Donnelly directed the Troon choir (Marr Cappella) in their annual Christmas Concert at Troon Old Parish Church...





**EXCELLENCE** AMBITION

One of our S4 students, Cielo Matta, has been attending four revision webinars EVERY WEEK as she prepares for her prelim exams in January.

Cielo's commitment and hard work has been recognised by the organisers as student of the term for English AND Maths...inspirational, Cielo!



## WEBINAR STUDENT OF THE TERM

THIS IS TO CERTIFY THAT

CIELO MATTA

ANGUS MACLENNAN HEAD TEACHER

IS THE

NATIONAL 4 MATHS

WEBINAR STUDENT OF THE TERM

WINTER 2021

DONALD MACLEOD
PRINCIPAL TEACHER

Donald A. Maclaod

THIS IS IN RECOGNITION OF HARD WORK, REGULAR ATTENDANCE AND BEING A VERY DILIGENT STUDENT.

WELL DONE!



## WEBINAR STUDENT OF THE TERM

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ANGUS MACLENNAN HEAD TEACHER

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WINTER 2021

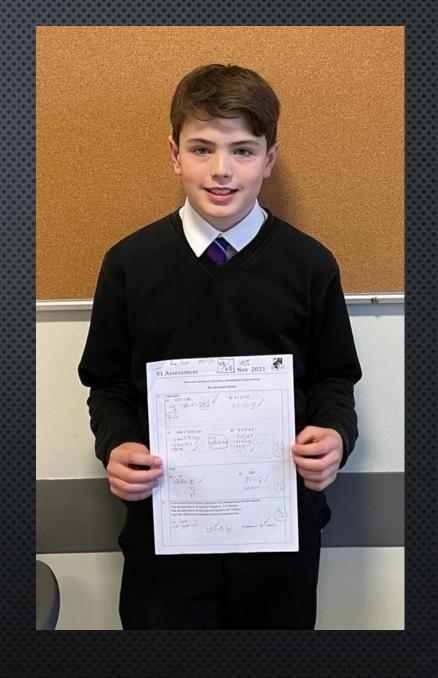
DONALD MACLEOD
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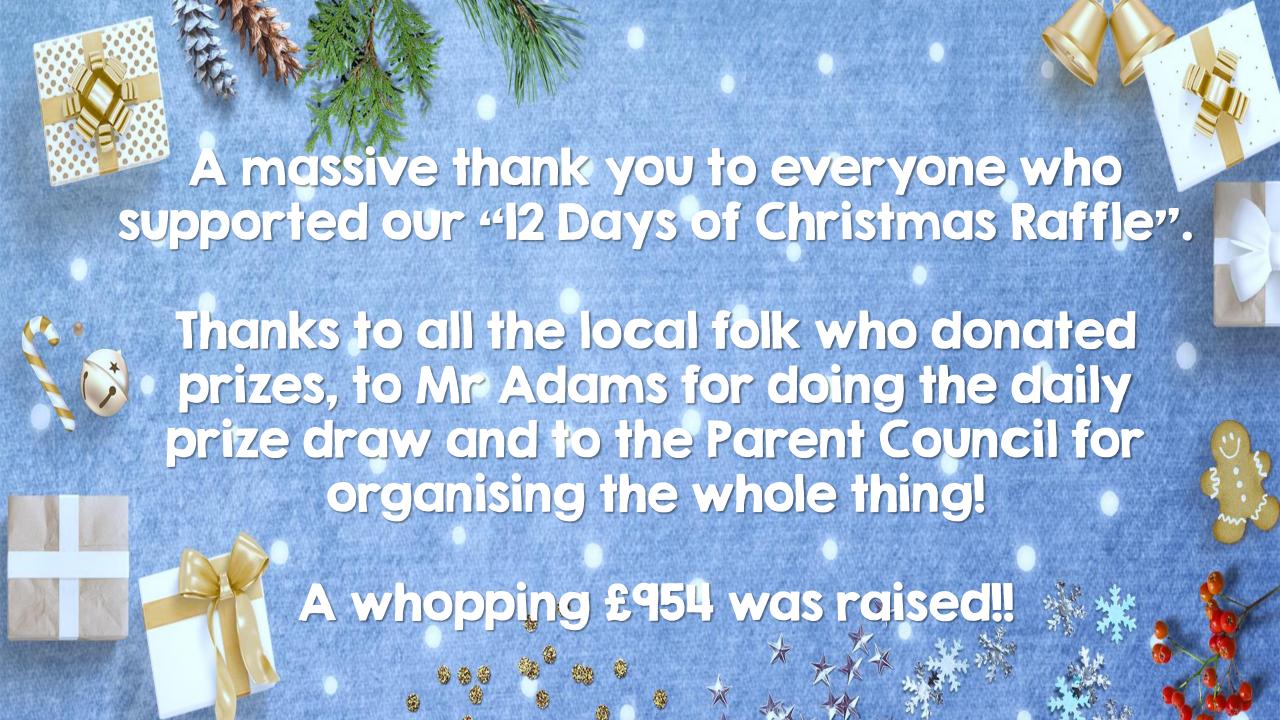
Donald A. Madad

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WELL DONE!

Congratulations to Mathsy genius Arran Swift who scored 100% in his SI assessment!





### Weekly Puzzle:

The weird reverse date will happen next year in 2022, too!

Square 2022 and you get 4088484.

Now reverse those digits: 4848804.

Square root that new number: 2202.

And when you reverse this you get back to 2022...

(enjoy it, folks, it'll be almost 80 years before we reach another!)

Thanks for all of the photos and stories and ideas you've passed on to Mr Smith for the bulletin over the last few months...

...as we head into 2022 Miss Cooper is going to be putting together the bulletin.

So if you've got good news stories to share then head along to the library or send Miss Cooper a wee email.

### Have a great Christmas, Grange:

As the old carol, "O little town of Bethlehem" puts it:

How silently, how silently,
The wondrous gift is given!
So God imparts to human hearts
The blessings of his heaven.
No ear may hear his coming,
But in this world of sin,
Where people will receive him, still
The dear Christ enters in.

See you in 2022- ready to work hard and be kind!