

SUBJECT LEADER IMPACT REPORT MATHEMATICS

Together Everyone Achieves More

INTENT



Our Curriculum intent at Corsham Regis is embedded in the mathematics that we teach our children.

How to communicate using appropriate vocabulary

In mathematics, the children are taught using the mastery approach to learning, which actively encourages and promotes pupil interaction and mathematical talk, in pairs, groups and with the teacher. During every lesson children are given opportunities to talk about their learning; their approaches and explain their methodology. Pupil talk and use of vocabulary is supported by the use of classroom working walls, which display key vocabulary for each lesson being taught and support the children by providing, where appropriate sentence stems to enable all children to gain confidence when talking about their learning.

About Corsham and the local area

Where possible, teachers embed the children's learning through the different cross curricular topics. Examples include: the children using and applying their knowledge of measure to make and collect data from rain gauges for the topic on 'The Geography of Corsham', linked to the study of climate zones and weather. In year 4, the children are taught Roman Numerals alongside their history work all about the Roman Baths, in Bath. In Year 1, work on statistics includes the children creating bar graphs about their favourite shops in Corsham. All pupils also use the language associated with position and direction when looking at maps of the local area.

Through experience inside and beyond the classroom

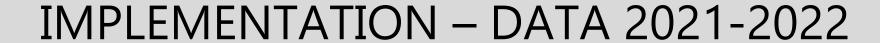
Children are encouraged to learn outside, particularly in FS2 and Year 1. Termly, the whole school takes part in a problem solving day. These are held outside, using the school grounds and involve the children working in groups to solve problems using large scale resources. The emphasis is to promote enjoyment for mathematics, whilst using and applying mathematical skills to a wide range of different problem solving challenges.

New knowledge and understanding appropriate to their age

The children are taught the National Curriculum for each year group. The order in which topics are taught is decided by careful question level analysis, from PiXL tests, to identify gaps in the children's understanding. Sequences of learning are planned using The White Rose Hub scheme of work and understanding embedded before moving on.

How to keep themselves safe

When using the internet to access mathematics resources, children are encouraged to search safely and use child friendly sites such as Swiggle. Children are also taught the importance of keeping their personal information save, such as passwords and log in details for their maths accounts. During lessons, children have access to a wide range of concrete resources to support their learning and are taught to use equipment safely.





Key Stage 1 Maths SATs (12 children)

9/12 **(75%) achieved expected/+,** 1/12 (8.3%) achieved Greater Depth and 3/12 (25%) achieved working towards. 5/6 (83.3%) PP pupils achieved expected/+. 2/5 (40%) SEND pupils achieved expected.

Multiplication checker (Year 4)

Overall the children did not perform as well as last year with 30% of children scoring 20 or above out of 25.

Key Stage 2 Maths SATS (31 children)

Maths 77% at EXS+ National 71% 26% at greater depth PP 38% at EXP + (1 child did not sit the Maths paper) EAL 100%

IMPLEMENTATION –DATA 2022-2023

Key Stage 1 Maths SATs (19 children)

19 Year 2 pupils were assessed using the SATs tests combined with teacher assessments 12 (63.1%) achieved the expected standard+in Maths. 3 (15.7%) achieved greater depth, 7 (36.8%) did not achieve. 1 chn. (5.2%) was absent during the assessment period. 9 (75%) PP chn. achieved 2 of these (16.6% achieved GDS). 0 (0%) SEND achieved

Multiplication checker (Year 4)

64% of the children scored 20 or above (compared to 30% in 2022)

Key Stage 2 Maths SATS (20 children)

(11/20) achieved the expected standard+, 15% (3/20) at greater depth, 57% (4/7) of pupil premium achieved EXS+, SEND 14% (1/7) at EXS Maths

6/20 children in Maths scored a scaled score of 96-99 out of 100 (30%) In mock maths test, which was 2 weeks before 40% achieved EXS 55%

Implementation – Data 2024-2025



Maths end of year data 2024

Year 1	Target %	Actual %	GDS target %	GDS Actual %
Maths	91	91	26	26
Year 2	Target %	Actual %	GDS target %	GDS Actual %
Maths	80	57	7	14
Year 3	Target %	Actual %	GDS target %	GDS Actual %
Maths	58	58	16	16
Year 4	Target %	Actual %	GDS target %	GDS Actual %

Year 4	Target %	Actual %	GDS target %	GDS Actual %
Maths	54	54	23	31

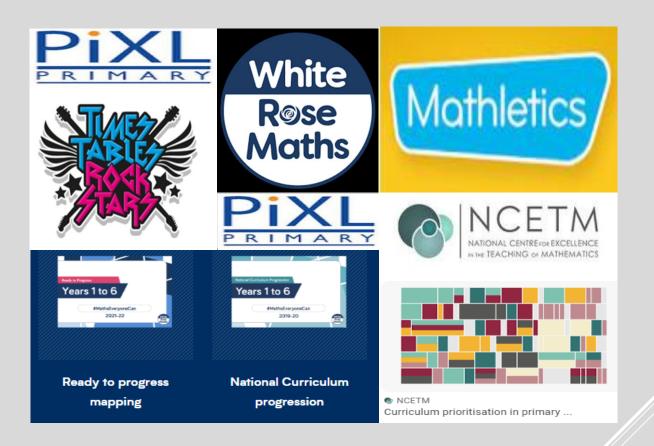
Year 5	Target %	Actual %	GDS target %	GDS Actual %
Maths	73	64	23	0

Year 6	Target %	Actual %	GDS target %	GDS Actual %
Maths	42	45	16	3

Target and actual % relate to the % of children achieving the expected standard or above



We use PiXL to formatively access the children from year 1 to year 6, three times a year.









PLANNING OVERVIEWS









We will be going into our 5th year of working with the Maths Hub

I run approximately 3 staff meeting a year to support members in the area of maths.

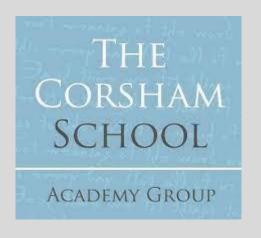
Our support staff are also kept up to date with changes.

IMPLEMENTATION



I carry out a staff audits, the results influence my future Action Plans and training.







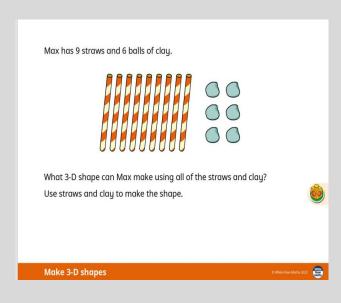
Their maths teachers come to see us and I go to see them





OVER THE YEARS, I HAVE DEVELOPED EXCELLENT LINKS WITH THE CORSHAM SCHOOL MATHS DEPARTMENT



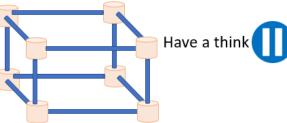


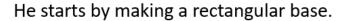


PROVISION

Ron is using marshmallows and straws to build 3-D shapes.

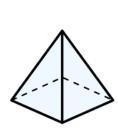


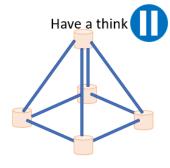




What shape do you think Ron is making? Ron has made a cuboid.

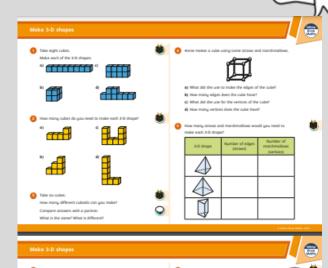
How many straws (edges) and marshmallows (vertices) would you need to make this shape?





The shape has <u>8</u> straws (edges).

The shape has <u>5</u> marshmallows (vertices).



b) How many edges does the cube have?

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q) What did she use for the vertices of the cub
 d) How many vertices does the cube how?







IMPACT

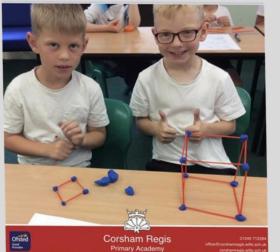


The children are confident in identifying the properties of a range of 3D shapes through discovering how many edges and vertices they identifying patterns.

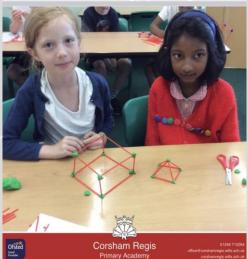
Evidence

Children learn through exploring



















PROVISION

TELLING THE TIME EVENT JANUARY 2024



Corsham Regis Primary Academy Kings Avenue, Corsham, Wiltshire, SN13 0EG



Friday 17th November 2023

Telling the Time Event

Dear Parents/Carers,

Good Provider



Here at Regis we love a challenge!

We are excited to announce a "Telling the Time Event" which will take place in the New Year on Thursday 4th and Friday 5th January 2024 where we will all be striving to get better at telling the time.

For some childen, this will be the beginning of their time journey and for others, they will be becoming competent with telling the time. This engaging event will provide valuable opportunities for your child to master the essential skill of time-telling in a fun and interactive manner. We believe that a strong foundation in time awareness is crucial for academic and personal development and should be practised at school and at home.

In preparation for this event, we encourage you to explore creative ways to reinforce time-related concepts at home. An analogue watch, with hands, would be an excellent addition to your child's learning experience. It not only serves as a practical tool but also fosters a sense of responsibility and independence.

If your child has an analogue watch, it would be great if they could wear it for the event. If your child does not have an analogue watch for these days then, of course, we will ensure that they can still take part in the exciting activities.

We will send out a reminder nearer the time. Thank you all for your support in adayance.

Abi Doe

Year 6 Teacher, Key Stage 2 Lead and Maths Lead

admin@corshamregis.wilts.sch.uk | www.corshamregis.wilts.sch.uk | Headteacher: Mrs A Symons | Company No. 07550425

- Pupil Voice Time Event 4th and 5th January 2024
- Thanks to the Math Ambassadors for conducting the pupil conferencing

Raya – We loved it, we can now tell the time. We learnt about the hour and minute hand, Archie – On the scale of 1-10. I would give it a 10. It was definitely at 10! I loved it so much, I want to do more! Alfie – Enjoyed i! Learnt to tell the time and his favourite thing was telling the time. Darcy and Daisy – Enjoyed it! She learnt to tell the time

on o'clock

Dickens



Fox

Children's voice

Hailey enjoyed learning about how the time works, wearing her watch and doing the worksheets.

Zack enjoyed bringing his clock in and learning about it. He also enjoyed learning about Big Ben.

Frankie enjoyed getting tested on his knowledge about time and understanding the analogue clock.

Lincoln enjoyed the time games on the computer.

Ruben, Albie, Laura and Amelia liked making the clocks.

Kayleigh and Maya liked playing the board game to do with time.

Millward

Mason

IMPACT/EVIDENCE

Children's voice

Tabby enjoyed testing people on time using the clock she had made. Rhys liked helping people that don't know how to tell the time. Alisha loved going to the computer suite and playing all the games that Mr Doe had found about time.

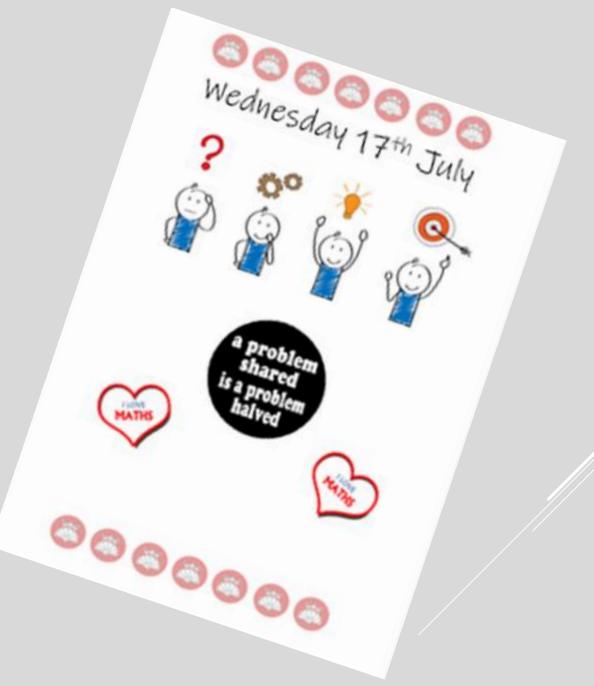
Turner



Every year Turner Class research, plan,

Make and collect the resources and them run a Problem Solving event.

PROVISION











Dickens Class



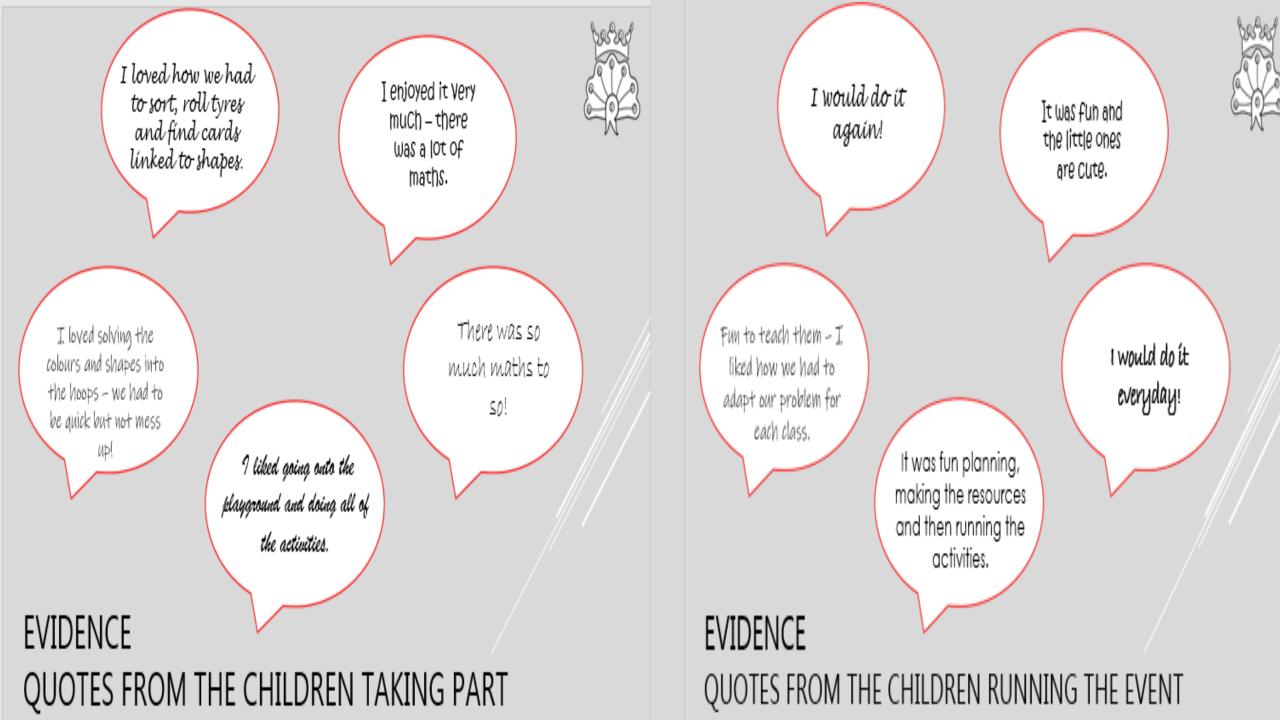
IMPACT







Millward Class



If I get stuck I use my timetable knowledge.

A Child in Dickens

I love math because the lessons are really fun!

A child from Mason Class

CHILDREN'S VOICE

When I'm working on a question and it's hard -I don't give up and I love it when I figure it out. A child in Millward Class



I love the challenge and working with others.

A child in Turner Class

I love maths, it is so cool to do maths.

A child in Fox Class

PROVISION

An amazing group of year 6s took part in The Corsham School Maths Challenge.

Impact

The children are confident is working together mathematically to solve problems in a competitive situation.

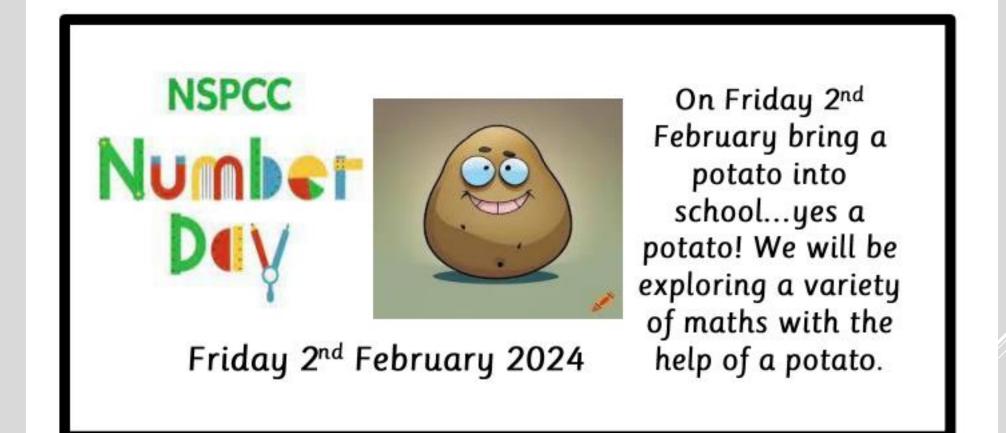
Evidence

Children learn through collaboration.





PROVISION





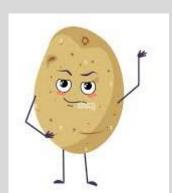
Primary Academy

Impact



Ofsted Good Provider

Corsham Regis



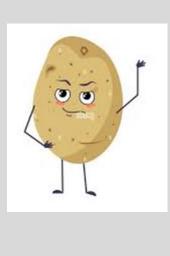




🙀 NUMBER DAY 🙀 The children explored a variety of Maths with the help of their potatoes on Friday. It was great to see the children embracing mathematics in a creative and fun way!



Corsham Regis **Primary Academy**





Impact



Corsham Regis **Primary Academy**



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Corsham Regis
Primary Academy

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Corsham Regis

Primary Academy



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Number Duy 2024

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Children learn through using manipulatives.

Maths is forever evolving and we are now so outward facing as a school, that maths is just getting better and better. Being part of Mobius and PiXL means I get to interact and collaborate with other maths leaders, this then supports me in reflecting upon what we are doing here at Regis.

My next step is:

- To continue to drive the teaching of maths to gain the best outcomes for our children.
- To look at how I can make changes from within, with who and what we have.
- To introduce 'Keeping Up' sessions to happen daily as part of maths interventions.
- To collaborate with the SEND Leader on how best to work with our SEND children to improve their outcomes.

FINAL REFLECTION/NEXT STEPS FOR 2024-2025