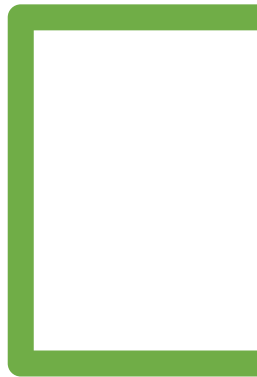
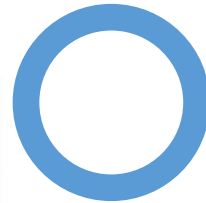
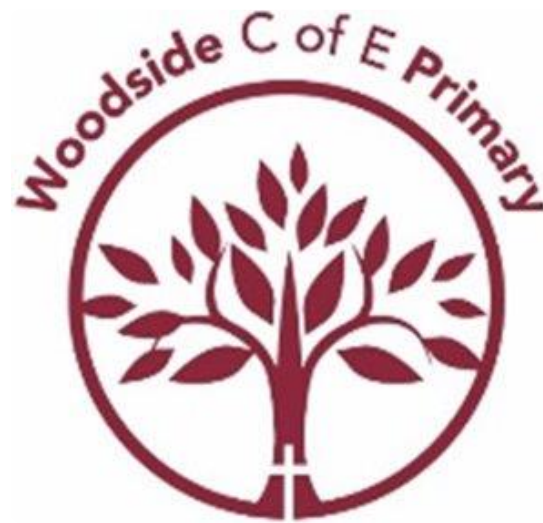


Maths Inspire
Workshop
10th Oct 2023



How did you feel about
Maths at school?





What are we expected to teach in EYFS?

Mathematics

Number

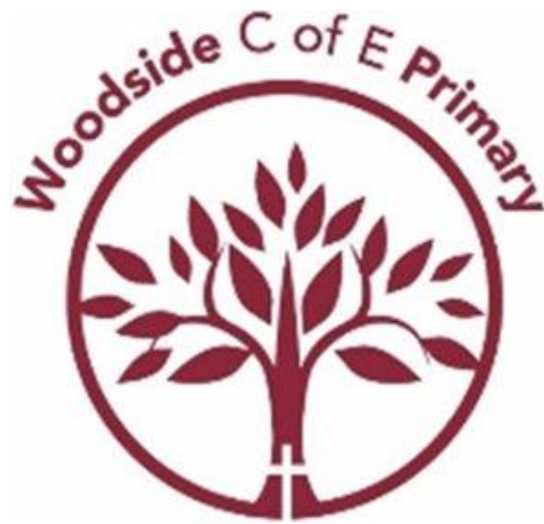
- Have a deep understanding of number to 10, including the composition of each number.
- Subitise (recognise quantities without counting) up to 5.
- Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.

Numerical Patterns

- Verbally count beyond 20, recognising the pattern of the counting system.
- Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.
- Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.



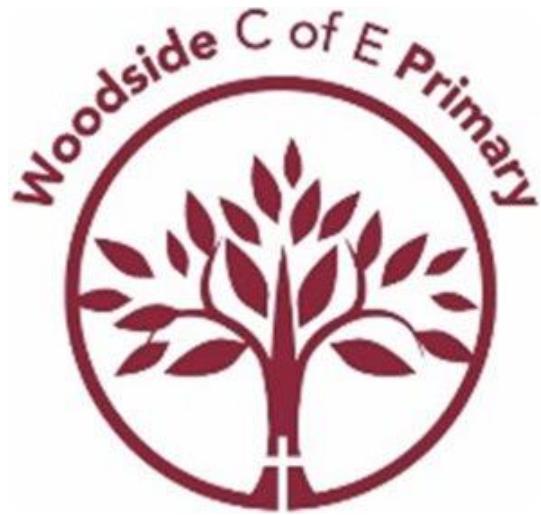
How do we teach
maths at Woodside?



*Mastery
approach*



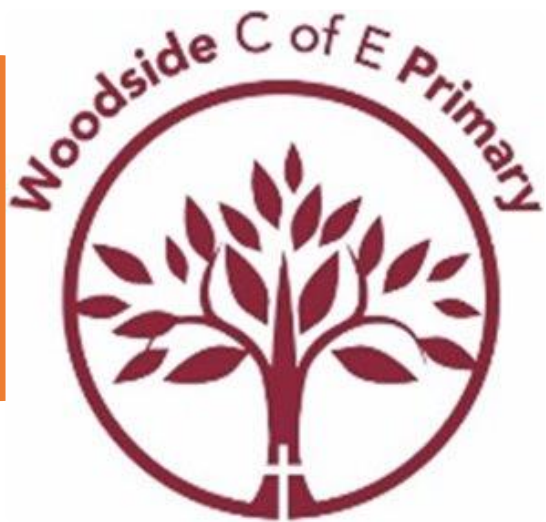
NCETM
NATIONAL CENTRE FOR EXCELLENCE
IN THE TEACHING OF MATHEMATICS



Why teach mastery?

- It fits well with the ELG's
- Deep understanding
- Based upon research
- All children can succeed.
- Small connected steps
- Represented in different ways
- Encourages automaticity
- Children learn to use precise mathematical language

YES
WE
CAN

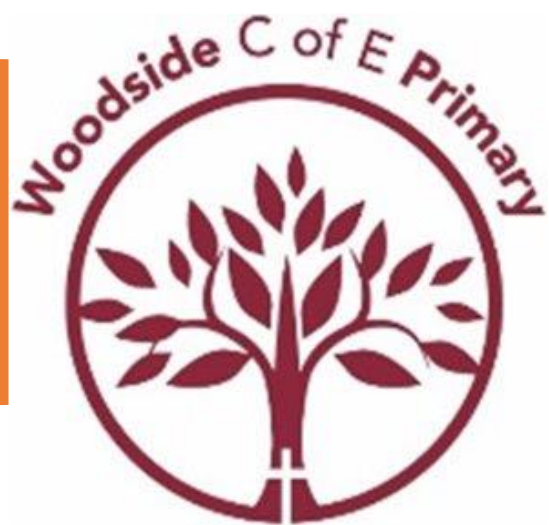


What is a typical session like?

- Whole group session
- Opportunities to practise skills in the environment independently or with adult
- Assess concepts regularly every 6 weeks

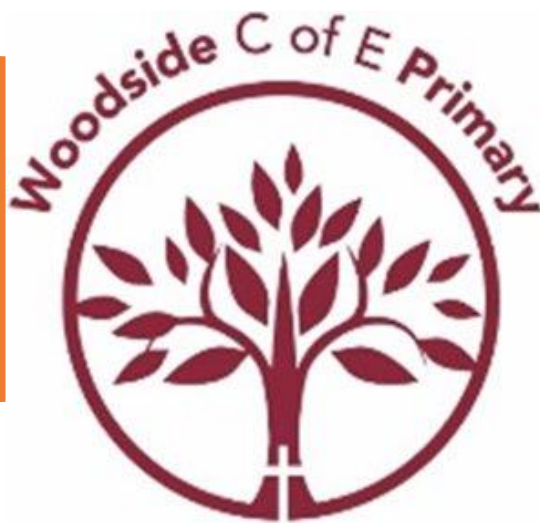


What do we teach?



- Fluency
- Representing Numbers
- Counting
- Recognising amounts
- Understanding that the total is the same even if objects move.

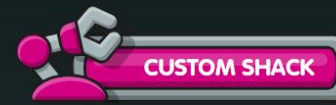




How can you help at home?

- Count-at every opportunity
- Ask how many without counting (5 or fewer)
- Spot number in the environment
- Deliberately make mistakes
- Watch Numberblocks
- Hide numbers around the house
- Play games like hopscotch and skittles-decide how to score points
- Draw attention to more or less
- Ask questions such as "How many more?", "How many altogether?"
- Complete "Numbots" as homework.





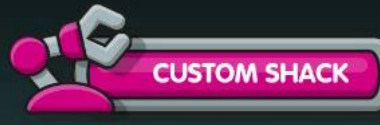
[Menu]



We all begin on Story mode.

Click Story now.





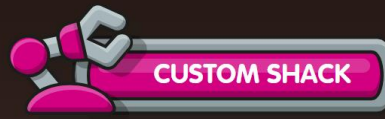
[Menu]

These are called Stages.
There are 18 Stages.

Stage Name	Lock Icon	Progress 1	Progress 2	Star Icon	Progress 3
RUST	🔒	5 / 5	15 / 15	★	
IRON	🔒	20 / 25	57 / 75	★	
TIN	🔒	77 / 102	223 / 306	★	

Next slide





[Menu]

RUST

Press Level 1





RUST 1



How many cogs in total?

?



At the end of the level you will Earn 2 or 3 stars see how many to unlock the stars you earn. level.

Have another go.



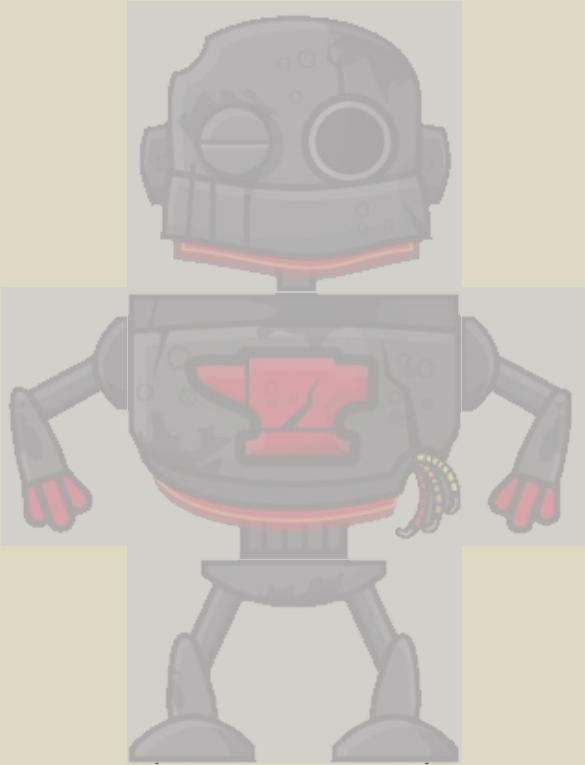
GAME COMPLETED!



IRON

[Menu]

Iron



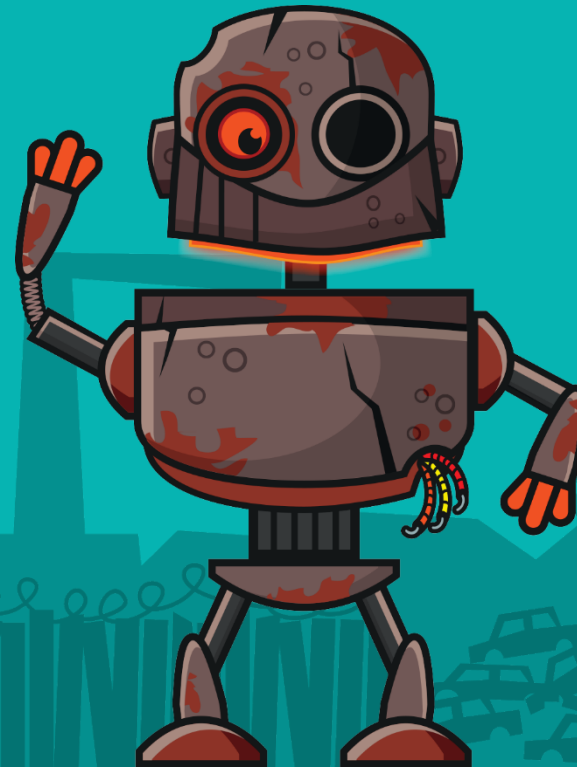
	2	3	4	5
	7	8	9	10
	12	13	14	15

A grid of 15 green buttons, numbered 2 through 15, arranged in three rows. Each button is surrounded by three yellow stars. The buttons are numbered as follows: Row 1 (top) contains buttons 2, 3, 4, and 5; Row 2 (middle) contains buttons 7, 8, 9, and 10; Row 3 (bottom) contains buttons 12, 13, 14, and 15. Buttons 4, 9, 12, and 15 are highlighted with a pink border. The button with number 1 is partially obscured by a card on the left side of the screen.



[Menu]

Logging In



WELCOME TO

NUMBOTS





NUMBOTS



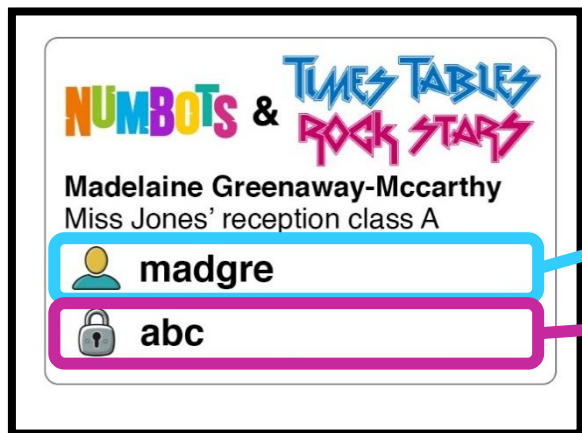


NUMBOTS




Type school name or postcode


Example label

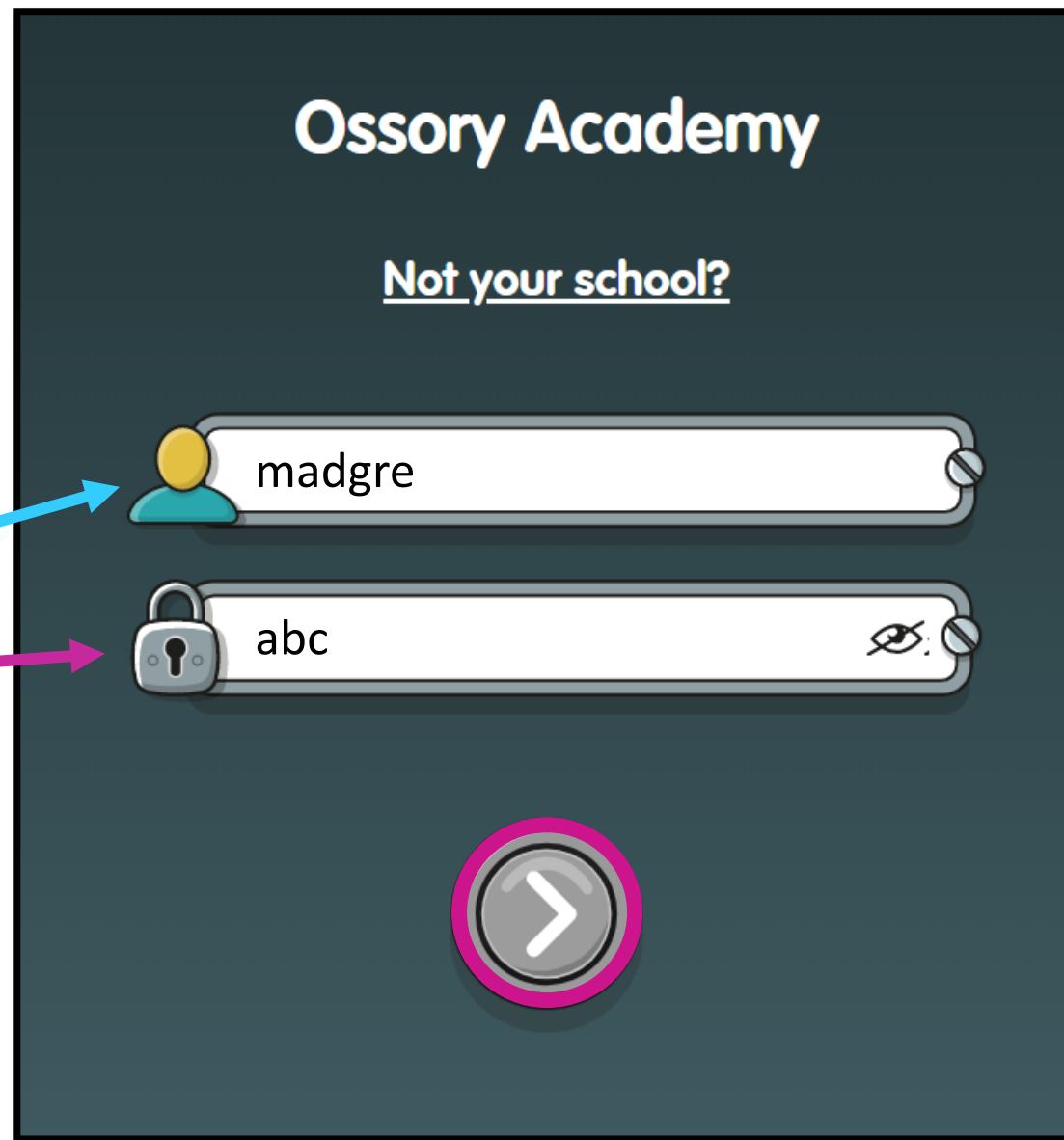


NUMBOTS & TIMES TABLES
ROCK STARS

Madelaine Greenaway-Mccarthy
Miss Jones' reception class A


 madgre



 abc




Ossory Academy

Not your school?

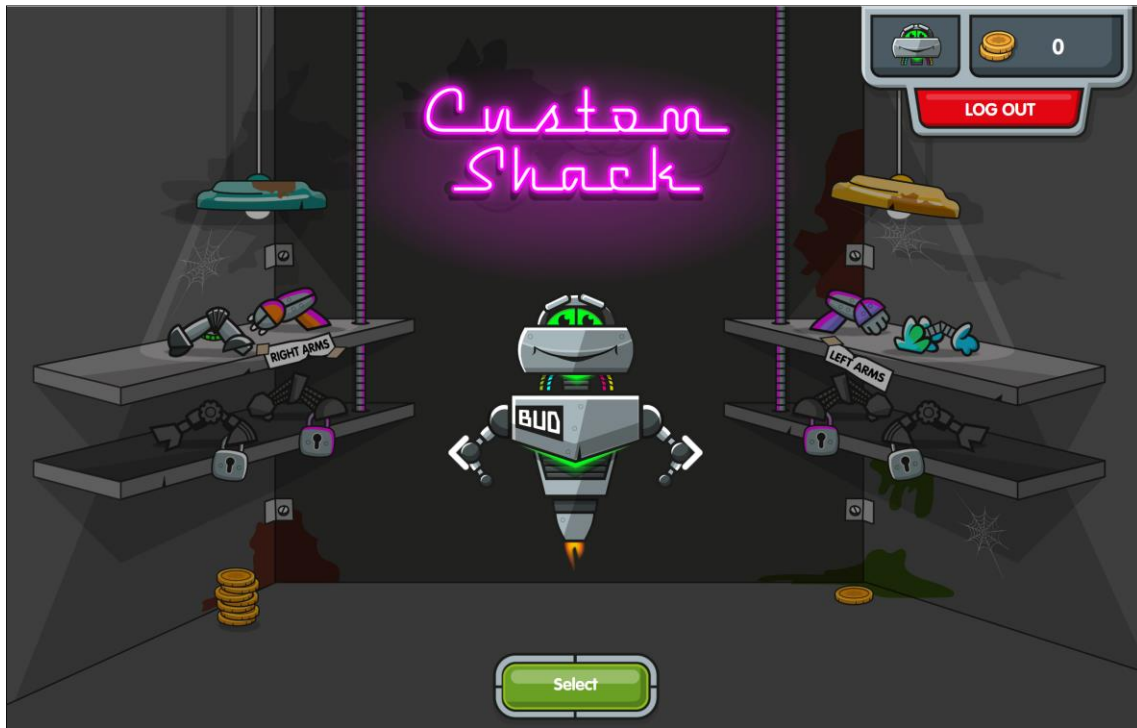
 madgre

 abc 





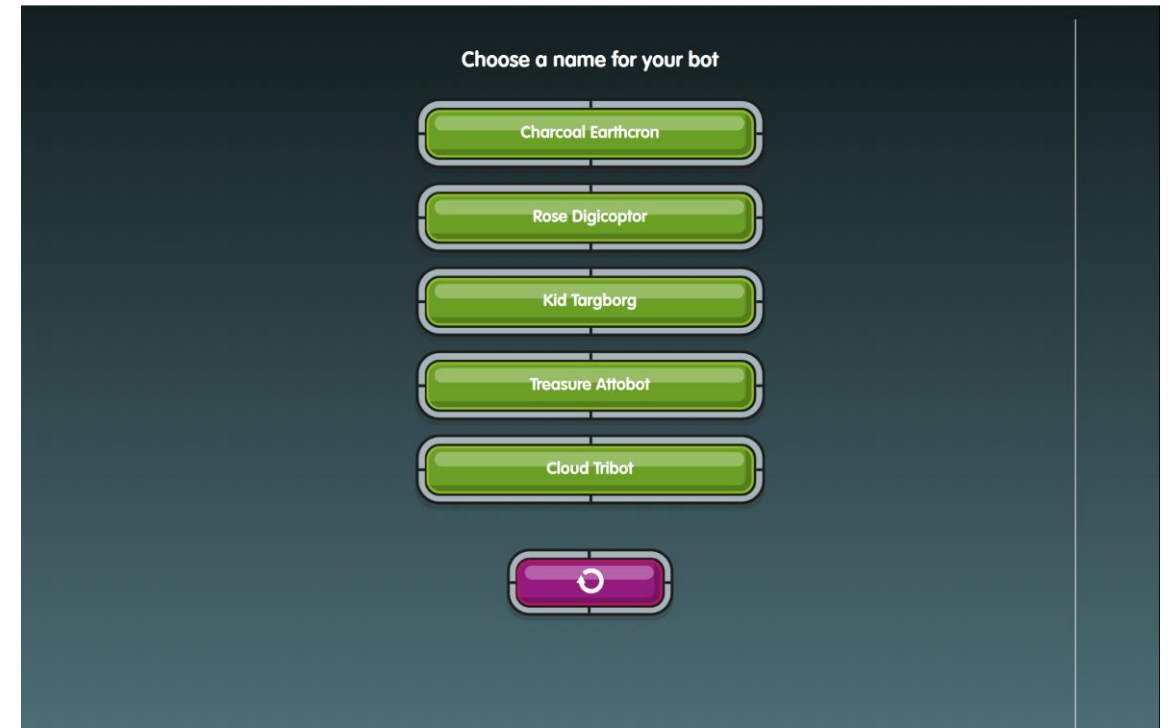
Step 1



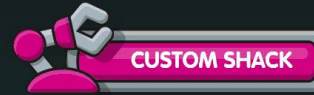
Choose your Bot!
There are 3 to
choose from.

Step 2

[Menu]



Choose a name
for your bot!



[Menu]

Step 3



Click on Story
to begin!





[Menu]

**Remember to
press ENTER after
you type your
answer.**

Computer



Tablet or mobile



Badges

BADGES

STORY

CHALLENGE

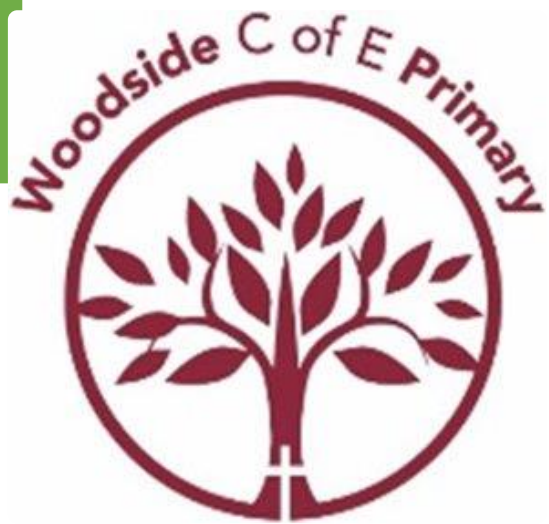
COMMITMENT

STORY MODE STAGES



Rewards- the Custom Shack!





Thank you for
coming!

Any questions, please
ask!