

A Parent Guide to Numbots



Why Numbots?

Numbots is an online learning platform designed to allow children to approach maths lessons with confidence, by improving their fluency in basic mental maths skills and helping them learn to add and subtract.

Number skills are the essential building blocks required for the higher-level maths concepts the children will encounter as they move through primary school. Numbots gives children opportunities to practice these core skills in a fun, engaging way.

How to access it?

Children can access Numbots by downloading the app or by logging in through the browser on a phone, iPad, tablet or laptop.

How often? (Year group expectation)

We expect all children to complete around 10 minutes a day of NumBots. Short, regular practice is best (little and often).

What does my child need to do each week?

Teachers will set or explain the weekly expectations in class (e.g., how many sessions or which game modes to focus on). On NumBots, teachers cannot set exact activities, but your child should:

- Work through Story Mode at home.
- Complete the stage activities they can access.

Teachers will monitor how your child progresses through the NumBots Story.

How will my child's participation be recognised?

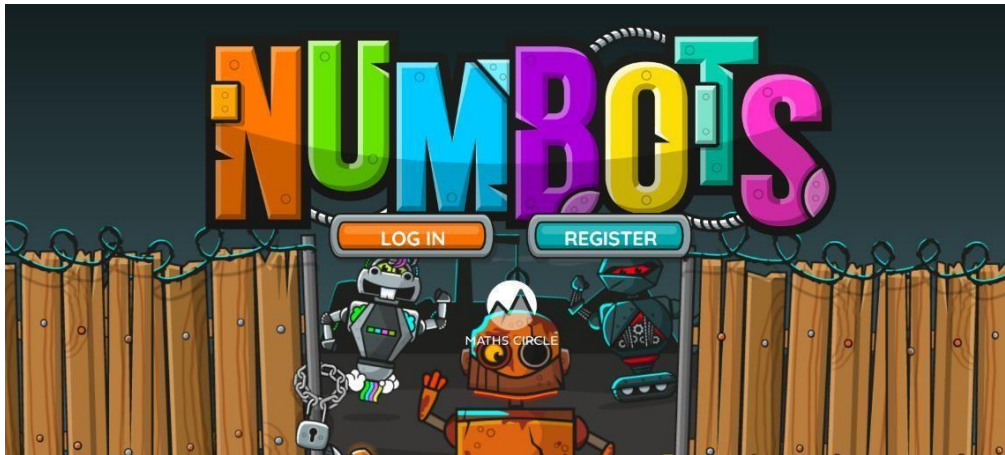
Children will receive certificates in class when they complete a NumBots Story stage.

Teachers may also celebrate:

- Consistent effort and regular logins.
- Improvements in speed and accuracy.

Please contact your child's class teacher if:

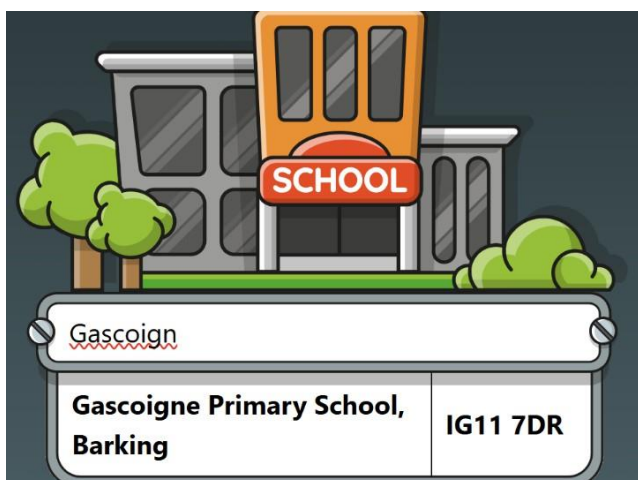
- You are not sure what your child should be doing each week.
- You cannot log in or have lost login details.
- You do not have a suitable device or internet access at home.



How to log on?

All children will have the log in details to TTRockstars and Numbots in their reading record. To log on:

1. Click the school log on
2. Select 'Student'.
3. Enter the school postcode (IG11 7DR) and select Gascoigne Primary School, Barking from the list.
4. Enter your child's username and password (found in their reading record).



Gascoigne Primary School, Barking

[Not your school?](#)

 Username

 or 

password pin

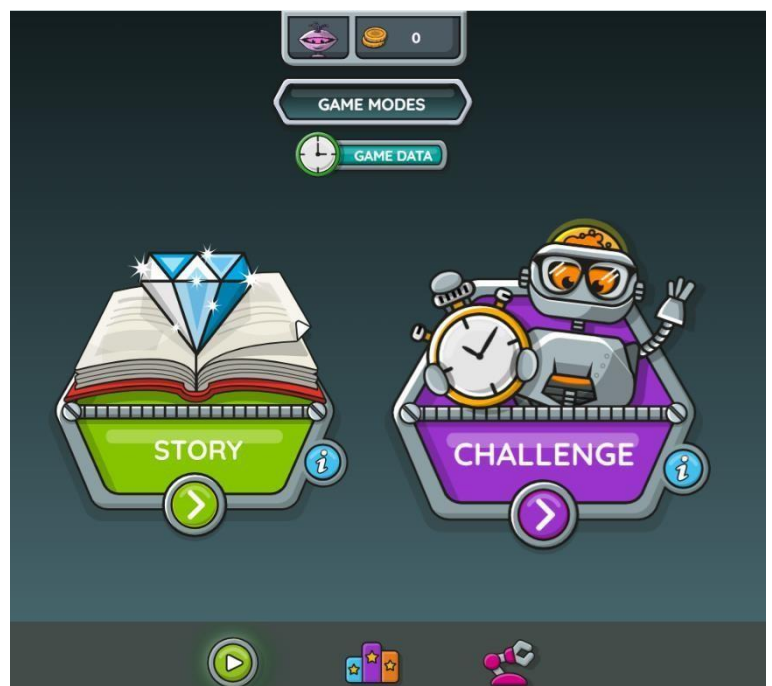
What do the game modes look like?

Children start the game by being introduced to the main character, Rusty', who asks for help in his quest to find new parts. Rusty wants to use these parts to upgrade himself into a diamond robot. When the children first log in, they will need to choose a bot name to play under as well as their own robot character.



There are two game modes on Numbots: Story Mode and Challenge Mode.

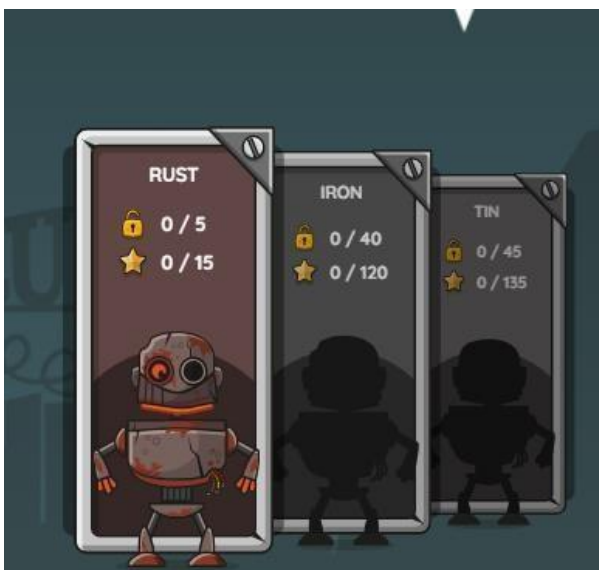
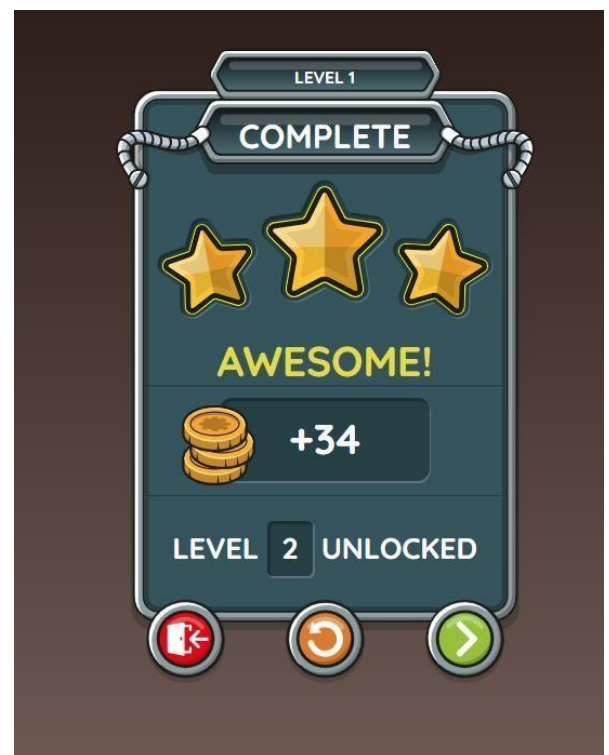
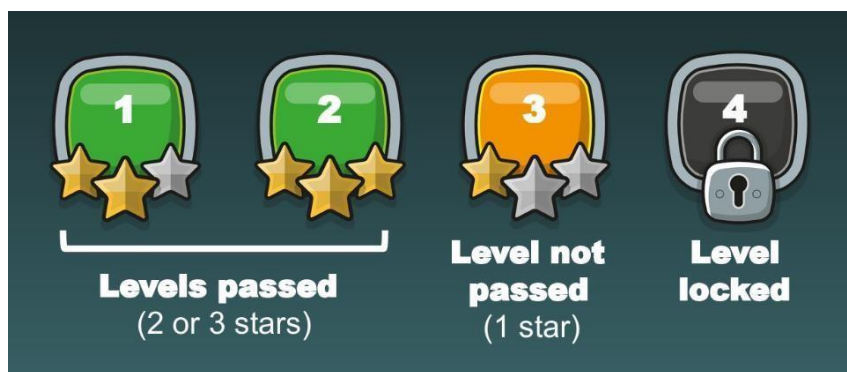
Challenge Mode will only become available once your child has passed enough levels in Story Mode.



Story Mode:

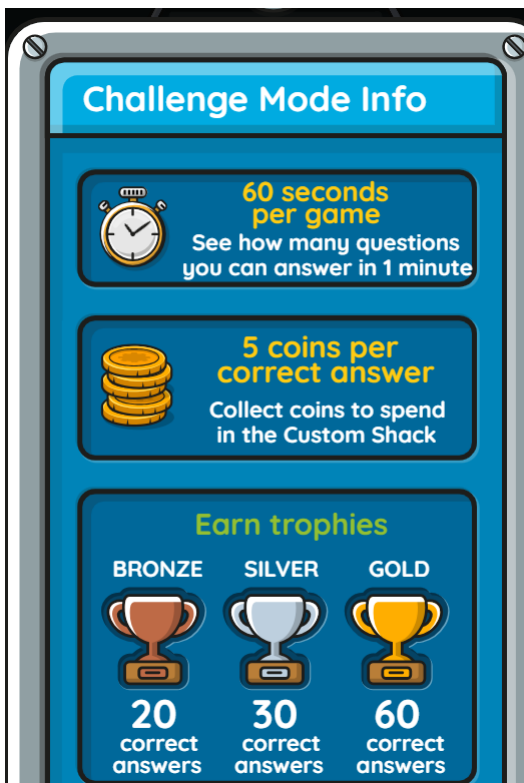
The game starts with 'Story Mode' which consists of 18 stages, from Rust to Diamond. Each stage contains numerous levels which children must pass to unlock the next, focusing on understanding core mathematical concepts. Story Mode will use a variety of visual representations to introduce different calculation strategies in a careful sequence.

The game will ensure that children do not move onto more challenging levels until they show that they are prepared for it. To pass a level, children need to earn at least 2 of 3 stars by answering accurately and quickly. If children achieve 0 stars or 1 star, but are answering correctly, then they need to answer more quickly to earn more stars.



Challenge mode:

In this mode, children can race the clock to test themselves on how many questions they can answer correctly in one minute. Children earn 5 coins per correct answer they give and earn trophies for completing 20, 30 or 60 correct answers.



Some representations that may appear within the games:

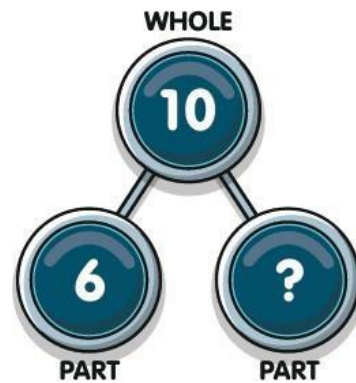
Tens Frames:

These make counting values simpler. They help to form the basis for place value in the future.



Part-Whole Model

The two parts combine to make the whole, and this supports children with addition and subtraction.



Number Lines

Can be used to count forwards or backwards, or to identify number bonds and patterns.



Dienes/ Base 10

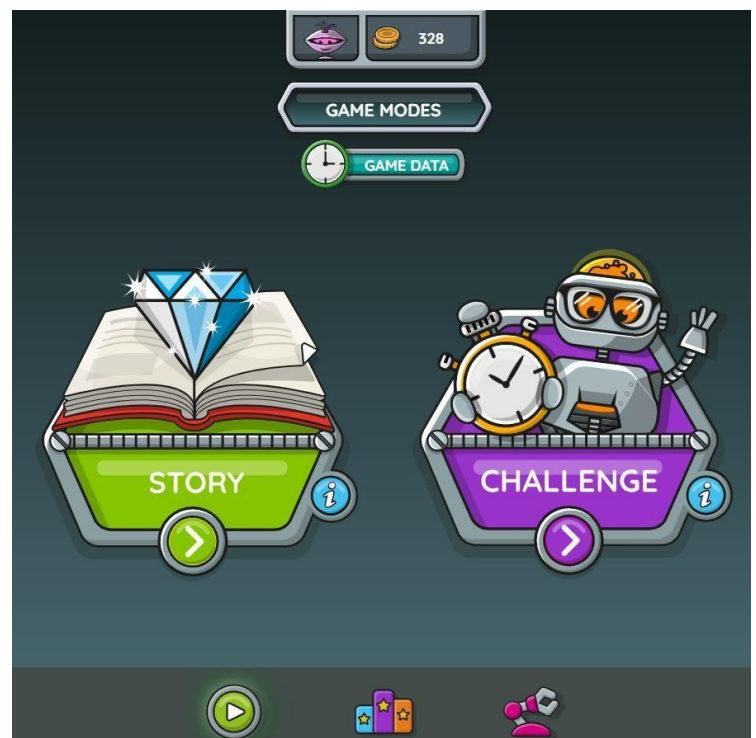
Can be used to support addition and subtraction.



Creating their own Bot:

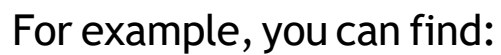
Children can create their own Bot in the custom shack. The more coins they earn throughout the game, the more they can buy to customise their robot.

To access the Custom Shack, click on the arm icon at the bottom of the screen.



Click here to personalise your character.

Click on the character and coins at the top of the screen to access some additional activities.



The image displays two distinct cartoon robot heads. The top robot has a blue face with large, expressive green eyes and a wide, toothy grin showing two sharp white fangs. It has green, segmented appendages on its sides and a black and white striped pattern on its forehead. The bottom robot is grey and white, with a more serious expression and large, black eyes. It has a white, segmented appendage on its right side and a white, striped pattern on its forehead.

[illegible]

PARENT GUIDE

ABOUT NUMBOTS

What is NumBots?

NumBots is an online maths learning platform that helps children learn how to add and subtract, improving their fluency and recall in basic mental maths, and equipping them with maths confidence.

Why is NumBots important?

Basic number skills are the essential building blocks for higher-level maths concepts. NumBots covers number recognition, number bonds, and addition and subtraction of double digit numbers; gradually helping your child to build a solid conceptual understanding of number sense.

How often should my child play?

We recommend a little and often approach; 3 minutes practice a day, 4 times a week is a good target.

LOGGING IN

What is my child's username and password?

Your child's teacher will provide a unique username and password (or picture pin). Please encourage your child not to share their password with others.

How does my child log in?

Log in to NumBots on a browser at play.numbots.com and select Schools > Pupils > enter the school name or postcode. Select the correct school and then enter their username and password/pin details.

Is there an App?

Yes, there is an app for Amazon, Android and Apple devices. Please go to the relevant app store to download the app for free.

HOW THE GAME WORKS

Who is Rusty?

Rusty is the central character of NumBots who needs help in his quest to find new parts to upgrade himself to a shiny diamond bot. Children progress through the game, unlocking levels and upgrading Rusty as they

How does my child accessorise their Bot Avatar?

When your child first logs in they will be able to choose a Bot Name and Bot Avatar. Coins earned by answering maths questions correctly can be spent in the Custom Shack on new parts to personalise their own robot.

What is Story Mode?

Story Mode consists of 18 stages, each containing numerous levels which players must pass to unlock the next, focusing on conceptual understanding of core maths. Using a variety of visual representations, Story Mode introduces different calculation strategies in a carefully

What is Challenge Mode?

Challenge Mode consists of rapid responses to essential maths facts against the clock. Each of the 30 challenges focuses on a key skill or objective, and each game lasts 1 minute. Unlike Story Mode, all of the challenges are available to play as soon as Challenge Mode is unlocked.



NUMBOTS
numbots.com



LEARNERS WITH DIFFERENT NEEDS

The questions are too hard

Encourage your child to be resilient and try each question a number of times. They are not expected to pass the level first time! They can also press the "i" icon for further instructions if they are stuck. If they are still struggling, please speak to your child's teacher.

My child is unable to pass a level

To earn the 2 or 3 stars required to pass a level, children must be both accurate and timely with their answers. If your child is getting 0 or 1 stars, they need to answer more quickly. This is deliberate, as it ensures that they have the number fluency required to move on to the next level. If your child cannot progress any further, we suggest going back to previous levels where they scored 2 stars and trying to score 3 stars on them all. Once completed with 3 stars, they should be fluent enough to pass the current level they're stuck on. If your child still needs more time to answer the questions, speak to their teacher about relaxing the time constraints in the accessibility settings.

My child gets anxious playing in Challenge Mode

The timer can be hidden in Challenge Mode via the settings. Press ⚙️ and ensure the "Show Timer" toggle is switched off.

My child has visual impairments; what settings are available?

Head to settings (press ⚙️) where the colour scheme can be changed to high contrast colour settings, which also helps to reduce the visual stimuli and declutter the screen. Children can also press the speaker icon next to each question for it to be read out loud.

TROUBLESHOOTING

My child's coins have suddenly dropped

Another child may have logged in as your child. Please reassure your child that this can be rectified. Contact their teacher who can set a new password, refund any coins and talk to the class about online safety.

My child has forgotten their login details

Please contact your child's teacher for a reminder, as the NumBots team are unable to provide login details to parents for data protection reasons.

My child finds it too easy

We encourage all pupils to start at the very beginning of Story Mode, even those with strong maths skills, as they can progress through the early levels quickly which will help reaffirm the basics and make connections with the more difficult questions. You can speak to their teacher who can skip the first topics if needed.

How can I tell if my child has completed their Activity Goal set by the teacher?

When logged in, your child will be able to see how many minutes they have left remaining to reach their weekly goal in Game Data on the Game Modes screen. Once they have achieved their weekly Activity Goal, an animation of an arrow hitting a target will appear on their screen.

Is NumBots safe?

Yes. There are no adverts, no in-app purchases nor any chat functions. See more in our Privacy Notice (mathscircle.com/privacy-notice).



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