

**East Sussex County Council**  
**Newick C.E. Primary School**  
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<http://newickschool.org>

Wisdom  
Independence  
Creativity  
Kindness

Friday 20<sup>th</sup> March 2020

Dear parent/carer,

I'm delighted to inform you about a new service we're using to support your child's maths education. The creators of Times Tables Rock Stars have produced a platform for boosting addition and subtraction skills, called NumBots.

NumBots is an online game and playing little and often will significantly improve your child's recall and understanding of number bonds and addition and subtraction facts. These are critical foundations in maths so we are excited by the impact NumBots will have.

### **Logging In**

The children have not been shown how to login – due to the exceptional circumstances! However, we feel this will be a supportive resource for you during this time away from school. Please show your child the powerpoint which will be uploaded to the maths home learning page. Those who are in school will bring home a username label. Key Stage 2 students may simply use their existing TT Rockstars login details.

Anyone whose child is not in school may contact me via email to receive their child's login. Please title your email 'Numbots' and tell me your child's full name and class and I will get back to you as soon as I am able. Please understand that this may take some time.

They will need some help navigating to the website and entering the details but once they're in, they just need some quiet space to get on with the games for 5 minutes. Please ask your child's teacher if they are struggling to login. Maths Circle (the creators of NumBots) cannot provide username and password information to parents, even during school holidays or out of hours. Important: please don't allow siblings, friends or family to answer for them but do support your child if they're stuck.

### **Little and often**

In order to get the best out of NumBots children should regularly play for short bursts so we would ask you to give them 5 minutes on Saturdays and 5 minutes on Sundays (or more!)

### **Game Types**



1. Story Mode – the emphasis is on learning the ideas and concepts behind addition and subtraction so it features more diagrams, shapes and question styles.
2. Challenge Mode – the emphasis is more on speed of recall of key facts, like number bonds to 10, doubling small numbers or adding & taking away in your head.

There are many different levels and skills for the children to work on. Initially, only the first level will unlock and some students will find this very easy. Once your child can answer 12 questions within a minute, the next level will unlock for them. Please reassure them to do their best and quickly they will work their way up to a more appropriate level for them.

There is an opportunity to practise all of these skills:

### Key Skills

Each Challenge focuses on a key skill, as follows:

No.	Key Skill	Example
1	Adding and subtracting 1 or 2 within 10	$1 + 3, 8 - 2$
2	Number bonds to 5	$3 + ? = 5$
3	Doubles within 10 (i.e. up to 5+5)	$4 + 4$
4	Adding and subtracting 1 and 2 within 20	$17 + 2, 11 - 1$
5	Number bonds to 10	$3 + ? = 10$
6	Adding and subtracting 10 within 20	$3 + 10, 16 - 10$
7	Doubles within 20 (i.e. up to 10+10)	$8 + 8$
8	Adding two 1-digit numbers	$5 + 7$
9	Number Bonds to 20	$8 + ? = 20$
10	Subtracting 1-digit numbers within 20	$14 - 6$
11	Adding and subtracting 1, 2 and 10 within 100	$1 + 74, 51 - 2, 38 + 10$
12	Adding and subtracting 2-digit numbers to/from multiples of 10	$20 + 64, 83 - 20$
13	Addition by bridging a multiple of 10	$25 + 6, 47 + 5$
14	Subtraction by bridging a multiple of 10	$25 - 6, 42 - 5$
15	Number bonds to 100	$52 + ? = 100$
16	Using compensation to add and subtract within 100	$35 + 19, 35 - 19$
17	Adding by partitioning two 2-digit numbers	$64 + 25, 10 + 64$
18	Subtracting by partitioning two 2-digit numbers	$64 - 23, 47 - 31$
19	Adding any two 2-digit numbers	$63 + 56, 63 + 58$
20	Subtracting any two 2-digit numbers	$76 - 43, 76 - 47$

Please let your child's teacher know if you have any questions or comments.

Yours faithfully,

Miss Claire Clarke

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