



How to help your child with Brilliant Bonds

Brilliant Bonds is a way of ensuring that the children at Newtown internalise the important number facts that will form the basis of all the future maths that they do in their school career and beyond. It is a way of gauging their instant recall of the number facts and building on that knowledge week on week. Success in Brilliant Bonds **is a tool only** and in the daily maths lessons we will continue to work on children's understanding of the number system and using their instant recall of number bonds to help them solve maths problems quickly and accurately. Children will start Brilliant Bonds when they are ready so it is possible that some Reception children will take part, particularly by the summer term, however it is also possible that some Year 1 children will not be ready.

The children who are taking part in Brilliant Bonds will sit down and have three minutes to complete the questions in the Brilliant Bonds level that they are on. In order to progress up to the next level they must get **ALL** the answers correct. The children will receive a certificate for every level that they complete. Any child who completes all 35 levels will go into the Brilliant Bonds Hall of Fame!

Level 1 – number bonds to 5	addition	10 questions
Level 2 – number bonds to 6	addition	10 questions
Level 3 – number bonds to 7	addition	15 questions
Level 4 – number bonds to 8	addition	15 questions
Level 5 – number bonds to 9	addition	20 questions
Level 6 – number bonds to 10	addition	20 questions
Level 7 – number bonds to 5	subtraction	20 questions
Level 8 – number bonds to 6	subtraction	20 questions
Level 9 – number bonds to 7	subtraction	20 questions
Level 10 – number bonds to 8	subtraction	20 questions
Level 11 – number bonds to 9	subtraction	20 questions
Level 12 – number bonds to 10	subtraction	20 questions
Level 13 – number bonds to 5	addition & subtraction	20 questions
Level 14 – number bonds to 6	addition & subtraction	20 questions
Level 15 – number bonds to 7	addition & subtraction	20 questions
Level 16 – number bonds to 8	addition & subtraction	20 questions
Level 17 – number bonds to 9	addition & subtraction	20 questions
Level 18 – number bonds to 10	addition & subtraction	20 questions

Level 19 – number bonds to 10	addition & subtraction	25 questions
Level 20 – number bonds to 10	addition & subtraction	30 questions
Level 21 – number bonds to 11	addition & subtraction	30 questions
Level 22 – number bonds to 12	addition & subtraction	30 questions
Level 23 – number bonds to 13	addition & subtraction	30 questions
Level 24 – number bonds to 14	addition & subtraction	30 questions
Level 25 – number bonds to 15	addition & subtraction	30 questions
Level 26 – number bonds to 16	addition & subtraction	40 questions
Level 27 – number bonds to 17	addition & subtraction	40 questions
Level 28 – number bonds to 18	addition & subtraction	40 questions
Level 29 – number bonds to 19	addition & subtraction	40 questions
Level 30 – number bonds to 20	addition & subtraction	40 questions
Level 31 – number bonds to 50 (10s)	addition & subtraction	40 questions
Level 32 – number bonds to 50 (10s & 5s)	addition & subtraction	40 questions
Level 33 – number bonds to 100 (10s)	addition & subtraction	40 questions
Level 34 – number bonds to 100 (10s & 5s)	addition & subtraction	40 questions
Level 35 - number bonds to 100	addition & subtraction	50 questions

It is our belief that when children have finished these levels that they should go on to learning and practising their times tables, ready for work in Key Stage 2.

The next page has examples of what the bonds mean.

Numbers Bonds to 5 (Level 1)

$0 + 1 = 1$

$1 + 1 = 2$

$1 + 2 = 3$

$2 + 0 = 2$

$2 + 1 = 3$

$2 + 2 = 4$

$2 + 3 = 5$

$3 + 0 = 3$

$3 + 1 = 4$

$3 + 2 = 5$

$4 + 0 = 4$

$4 + 1 = 5$

Number bonds to 6: (Level 2)

All the previous and

$1 + 5 = 6$

$2 + 4 = 6$

$3 + 3 = 6$

$4 + 2 = 6$

$5 + 1 = 6$

$6 + 0 = 6$

Addition & Subtraction Bonds to 5 (Level 13)

$0 + 1 = 1$

$1 + 1 = 2$

$1 + 2 = 3$

$2 + 0 = 2$

$2 + 1 = 3$

$2 + 2 = 4$

$2 + 3 = 5$

$3 + 0 = 3$

$3 + 1 = 4$

$3 + 2 = 5$

$4 + 0 = 4$

$4 + 1 = 5$

$1 - 0 = 1$

$1 - 1 = 0$

$2 - 0 = 2$

$2 - 1 = 1$

$2 - 2 = 0$

$3 - 0 = 3$

$3 - 1 = 2$

$3 - 2 = 1$

$3 - 3 = 0$

$4 - 0 = 4$

$4 - 1 = 3$

$4 - 2 = 2$

$4 - 3 = 1$

$4 - 4 = 0$

$5 - 0 = 5$

$5 - 1 = 4$

$5 - 2 = 3$

$5 - 3 = 2$

$5 - 4 = 1$

$5 - 5 = 0$