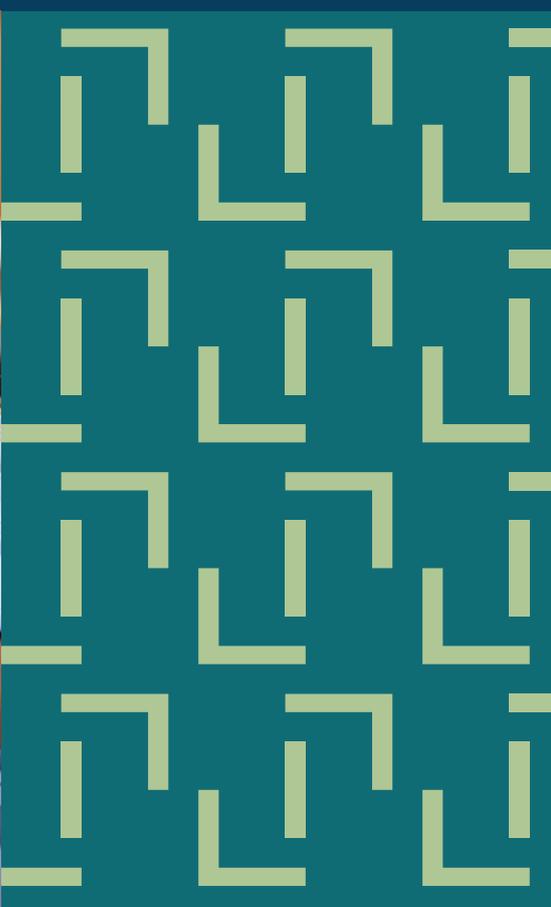


AGES
5-14

Basic Number Screening Test

Your guide to assessing learners' understanding of
number and number operations





About Basic Number Screening Test

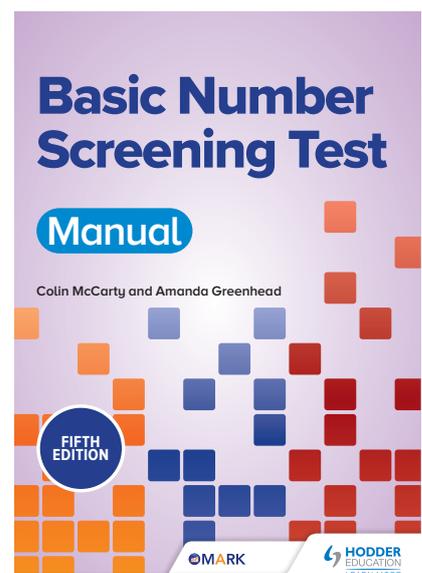
Fifth Edition

recommended by
CatchUp[®]
www.catchup.org

Basic Number Screening Test (BNST) is a quick, reliable assessment focusing on learners' understanding of number and number operations.

Delivered orally to assess learners' numeracy skills, rather than their reading ability, BNST is ideal for lower ability readers and those learners who may have more difficulty accessing a written test.

BNST samples number knowledge and skills from Years 1 to 6 of the Primary Mathematics Framework and includes two questions from the KS3 curriculum, so is ideal to assess learners in primary and secondary who are struggling with maths, and provides clear evidence as to the areas of numeracy that need addressing. The parallel forms (A and B) means progress and the impact of interventions can be tracked over time.



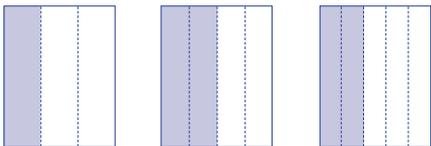
Test scores can be converted to:

- Age-standardised scores
- Standardised scores
- Number ages

How does Basic Number Screening Test work?

Basic Number Screening Test provides a quick, first stage assessment of a learner's grasp of the basic principles underlying the number system and the processes involved in calculation.

It is designed to alert teachers to those pupils who will need further individualised assessment and teaching. BNST is intended mainly for use with pupils aged 5 to 14, but weaker pupils in Years 10 and 11 can also benefit from meeting a test that has a significant number of questions they can answer. The provision of Number Ages (like Reading Ages) means that it can also be used with older, less able pupils.

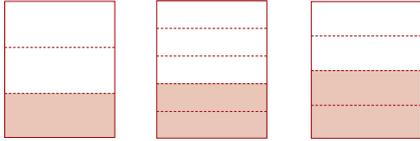
1	$9 - 5 =$ <input type="text"/>	<input type="checkbox"/> 1C1 ops +/-
2	37, 38, 39, <input type="text"/> , <input type="text"/>	<input type="checkbox"/> 1N1a num
3	6 14 11 16	<input type="checkbox"/> 1N2a num
4	$4 + 2 = 6$ <input type="text"/> + <input type="text"/> = 6 <input type="text"/> + <input type="text"/> = 6	<input type="checkbox"/> 1C1 ops +/-
5		<input type="checkbox"/> 1F1a frac
Page total		

The Manual includes a teacher's script for group and individual administration

Every question has a content domain code and these can be used to check a pupil's performance on the test against the National Curriculum

What's new?

- *BNST* has been fully re-standardised in the Spring term of 2022.
- Additional questions have been included at the beginning and end of the test, so that it can be used securely with pupils from the start of KS1 to KS3.
- The test is fully aligned to the Primary Mathematics Framework and includes two questions from the KS3 curriculum, so remediation strategies can easily be put in place.
- Brand new case studies are included in the teacher's manual to illustrate how the results can be used by SENCOs and teachers working with learners who need more support.
- Teachers have access to marksheets and reporting on Boost Insights.

1	$9 - 6 = \square$	<input type="checkbox"/> 1C1 ops +/-
2	46, 47, 48, <input type="text"/> , <input type="text"/>	<input type="checkbox"/> 1N1a num
3	7 14 11 17	<input type="checkbox"/> 1N2a num
4	$5 + 2 = 7$ <input type="text"/> + <input type="text"/> = 7 <input type="text"/> + <input type="text"/> = 7	<input type="checkbox"/> 1C1 ops +/-
5		<input type="checkbox"/> 1F1a frac
Page total		

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Re-test learners with parallel forms A and B to track progress

Once you have marked the tests, you can choose whether to enter the results into Boost Insights, Hachette Learning’s enhanced reporting platform, which will analyse the results. You can add Boost Insights for free: hachettelearning.com/boost-insights

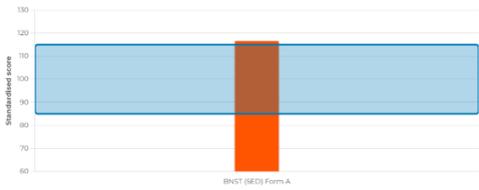
Learner progress report
Basic Number Screening Test (SED) [Change product](#)

BI Class Year 3 [Change group, class or learner](#)

Learner progress report
Boanita Britney
Basic Number Screening Test (SED)
Last taken 20 September 2024

Boanita Britney
BI Class Year 3
Member of

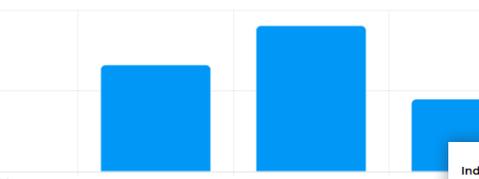
Overall performance



	Date of test	Age at time of test	Raw score	National average score	SS	Age-SS	Percentile	Number Age
BNST (SED) Form A	20/09/2024	7.5	30	100	117	>130	87	9.3

SS: Standardised score Age-SS: Age-standardised score

Strand performance



	Date of test	Number	Operations: Addition, subtraction	Operations: Multiplication, division	Fractions
BNST (SED) Form A	20/09/2024	12 / 18	10 / 11		

You can record your learners’ scores at question level by manually entering their scores via the online marksheets. Once recorded, the total raw score and all measures are automatically calculated for every pupil.

You can generate on-screen reports and PDF files to analyse the performance of individual pupils.

Individual learner report
Basic Number Screening Test (SED) [Change product](#)

BI Class Year 1 [Change group, class or learner](#)

BNST (SED) Form A

Individual learner report
Ago Olayinka
Basic Number Screening Test (SED)
Last taken 20 September 2024

Ago Olayinka
BI Class Year 1
Member of

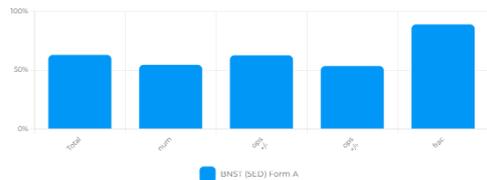
Overall performance



	Date of test	Age at time of test	Raw score	SS	Age-SS	Percentile	Number Age
BNST (SED) Form A	20/09/2024	5.11	32	0	>130	>98	9.7

SS: Standardised score Age-SS: Age-standardised score

Strand performance



	Date of test	Number	Operations: Addition, subtraction	Operations: Multiplication, division	Fractions
BNST (SED) Form A	20/09/2024	10 / 18	7 / 11	6 / 11	9 / 10

Learner Progress Report

Compare the performance of one learner across multiple tests (up to six) over time.

Individual Learner Report

View the performance of an individual student including their raw score and relevant standardised scores

Question-level analysis [Select report](#)

Basic Number Screening Test (SED) [Change product](#)

BNST (SED) Form A

BI Class Year 1
[Change class, group or year](#)
[Export test data](#)

Overall scores [Strand scores](#) [Highlights](#) [Go to marksheet](#)

Name	Total	Test date	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11(a)	Q11(b)	Q11(c)	Q12(a)	Q12(b)	Q13(a)	Q13(b)	Q13(c)	Q14	Q15	Q16(a)	Q16(b)	Q17	Q18	Q19	Q20	Q21	
Your learners' average score			63%	67%	50%	57%	60%	60%	53%	57%	53%	60%	60%	70%	43%	53%	53%	63%	47%	57%	53%	57%	57%	53%	33%	60%	60%	57%	60%	
Question strand:			ops +/-	num	num	ops +/-	frac	num	num	frac	ops +/-	frac	ops +/-	ops +/-	ops +/-	ops +/-	num	num	num	num	frac	num	ops +/-	num	num	ops +/-	ops +/-	num		
Aegus Placid	8/50	20/09/2024	1	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Saibh Etta	8/50	20/09/2024	1	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abner Davy	8/50	20/09/2024	1	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Collins Malone	21/50	20/09/2024	1	1	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	1	1	0	1	0	0	1
Fred Dashiell	21/50	20/09/2024	1	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0	1	0	1	1	1
Kaley Logan	22/50	20/09/2024	0	1	0	0	1	0	0	0	1	0	1	1	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	0
Tyra Fionna	22/50	20/09/2024	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	1	0	1	0	1	1
Colter Clint	22/50	20/09/2024	0	0	0	0	1	0	0	1	0	0	1	0	1	0	1	1	0	1	0	1	1	0	0	1	1	1	1	1
Derryl Bentley	22/50	20/09/2024	1	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0	1	0	1	0	0	1	0	0	1	1	0	1

Question-level analysis report
 Analyse gaps in learning to inform targeted teaching, either at a question or strand level.

Group report
 View the performance of a group or a class on a specific test. View their raw score, relevant standardised scores and number of marks awarded for each strand

Group report

Basic Number Screening Test (SED) [Change product](#)

BNST (SED) Form A

BI Class Year 1
[Change group, class or learner](#)

Group report
 BI Class Year 1
 BNST (SED) Form A
 Last taken 20 September 2024

Report generated on 9 December 2024

Name	Date of test	Age at test	Raw score	Number Age	SS	Age-SS	Percentile	Num (18)	Ops +/- (11)	Ops +/- (11)	Frac (10)
Kacey Alycia	F 20/09/2024	5:7	26	8:9	0	>130	>98	8	4	7	7
Athena Arianne	F 20/09/2024	6:0	26	8:9	0	>130	>98	9	6	5	6
Emelia Athaliah	F 20/09/2024	5:6	23	8:4	0	Age out of range	>98	9	5	6	3
Derryl Bentley	M 20/09/2024	5:6	22	8:2	0	Age out of range	>98	6	7	4	5
Azura Berniece	F 20/09/2024	5:11	27	8:11	0	>130	>98	7	4	9	7
Nelson Caleb	M 20/09/2024	5:9	46	13:3	0	>130	>98	18	11	9	8
Audrey Camellia	F 20/09/2024	5:3	46	13:3	0	Age out of range	>98	18	11	9	8
Colter Clint	M 20/09/2024	5:9	22	8:2	0	>130	>98	7	6	4	5
Carey Cynthia	F 20/09/2024	5:8	31	9:5	0	>130	>98	13	9	5	4
Fred Dashiell	M 20/09/2024	6:4	21	8:1	0	>130	>98	6	4	5	6
Abner Davy	M 20/09/2024	4:6	8	6:8	130	Age out of range	>98	2	3	1	2
Wat Devon	M 20/09/2024	5:1	27	8:11	0	Age out of range	>98	9	7	8	3
Saibh Etta	F 20/09/2024	5:4	8	6:8	130	Age out of range	>98	2	3	1	2
Tyra Fionna	F 20/09/2024	5:8	22	8:2	0	>130	>98	10	5	5	2



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