BJPS Addition and Subtraction Policy

Skill	Year	Representations and Models	Resources for children with barriers to learning
Add/Subtract two 1-digit numbers to 10	1	Part-whole model Ten frames (within 10) Number lines (labeled)	Numicon
Add/Subtract 1 and 2 digit numbers to 20	1	Part-whole model Ten frames (within 20) Number lines (labeled)	Numicon
Add/Subtract three 1 digit numbers	2	100 squares Part-whole model Number lines (labeled)	Number lines (labeled)
Add/Subtract 1 and 2 digit numbers to 100	2	100 squares Part-whole model	Number lines (labeled)
Add/Subtract two 2 digit numbers	2	Part-whole model Base 10 Column addition/subtraction	100 squares
Add/Subtract with up to 3 digits	3	Bar model Part-whole model Base 10 Column addition/subtraction	Place value grids
Add/Subtract with up to 4 digits	4	Bar model Part-whole model Base 10 Column addition/subtraction	Place value grids
Add/Subtract with more than 4 digits	5	Part-whole model Bar model Column addition/subtraction	Base 10
Add/Subtract with up to 3 decimal places	5	Part-whole model Bar model Column addition/subtraction	Base 10

BJPS Times Table Policy

Skill	Year	Representations and Models	Resources for children with barriers to learning
Recall and use multiplication and division facts for the 2 times table	2	Money Everyday objects Number lines 100 square	Counters
Recall and use multiplication and division facts for the 5 times table	2	Money Everyday objects Number lines 100 square	Counters
Recall and use multiplication and division facts for the 10 times table	2	Money Everyday objects Number lines 100 square	Counters
Recall and use multiplication and division facts for the 3 times table	3	Everyday objects Number lines 100 square	Counters
Recall and use multiplication and division facts for the 4 times table	3	Everyday objects Number lines 100 square	Counters
Recall and use multiplication and division facts for the 8 times table	3	Everyday objects Number lines 100 square	Counters
Recall and use multiplication and division facts for the 6 times table	4	Everyday objects Number lines 100 square	Counters
Recall and use multiplication and division facts for the 7 times table	4	Everyday objects Number lines 100 square	Counters
Recall and use multiplication and division facts for the 9 times table	4	Everyday objects Number lines 100 square	Counters
Recall and use multiplication and division facts for the 11 times table	4	Everyday objects Number lines 100 square	Counters
Recall and use multiplication and division facts for the 12 times table	4	Everyday objects Number lines 100 square	Counters

BJPS Multiplication and Division Policy

Skill	Year	Representations and Models	Resources for children with barriers to learning
Solve one step problems with multiplication / division	1/2	Counters (Arrays) Pictorial Representation of sharing	Multiplication Mats
Multiply and divide 2 digit and 1 digit numbers	3/4	Short written method (multiplication) Written short division method (bus stop method) Grid Method	Multiplication Mats Base 10
Multiply / divide 3 digit by 1 digit numbers	4	Short written method (multiplication) Written short division method (bus stop method) Grid Method	Multiplication Mats Base 10
Multiply / divide 4 digit by 1 digit numbers	5	Short written method (multiplication) Written short division method (bus stop method) Grid Method	Multiplication Mats Base 10
Multiply / divide 2 digit by 2 digit numbers	5	Short written method (multiplication) Written short division method (bus stop method) Grid Method	Multiplication Mats Base 10
Multiply / divide 2 digit by 3 digit numbers	5	Short written method (multiplication) Written short division method (bus stop method) Grid Method	Multiplication Mats Base 10
Multiply / divide 2 digit by 4 digit numbers	5/6	Formal written method (long division)	Multiplication Mats Base 10