

Mapping of NSM Number Facts stages to other curriculum resources and guidance

NSM Number Facts is a programme to develop fluency in addition and subtraction facts through teaching of quantity awareness and derived facts strategies. It intentionally does not cover the full KS1 mathematics curriculum, however developing factual fluency will make it easier for children to access the rest of the curriculum. Most schools find it easiest to start using the programme in separate daily number facts sessions. Schools who have used the programme for longer may well want to bring more NSM Number Facts content into the main maths lesson. The mapping below shows how the NSM Number Facts stages tie into other curriculum resources you may be referring to, and will particularly support schools who want to start integrating more NSM Number Facts materials into the main maths lesson, or ensure coverage of the ready-to-progress criteria.

| NSM Number Facts | NCETM spines | Ready-to-progress criteria |
|---|--|---|
| Stage 1 Visual Number Foundations | 1.3 Composition of numbers 0 – 5 1.4 Composition of numbers 6 - 10 | |
| Stage 2 Make and Break Numbers to 10 | 1.3 Compositions of numbers 0 – 5 1.4 Composition of numbers 6 - 10 | 1AS-1 Compose numbers to 10 from 2 parts, and partition numbers to 10 into parts, including recognising odd and even numbers |
| Stage 3 Facts and Strategies Within 10 | 1.7 Addition and subtraction: strategies within 10 | 1NF-1 Develop fluency in addition and subtraction facts within 10 2NF-1 Secure fluency in addition and subtraction facts within 10, through continued practice |
| Stage 4 Ten and A Bit Facts | 1.10 Composition of numbers 11 – 19 | (Feeds into 2NPV-1 Recognise the place value of each digit in two-digit numbers, and compose and decompose two-digit numbers using standard and non-standard partitioning) |
| Stage 5 Facts and Strategies Across 10 | 1.11 Addition and subtraction: bridging 10 | 2AS-1 Add and subtract across 10 3NF-1 Secure fluency in addition and subtraction facts that bridge 10, through continued practice |
| Stage 6 Extending Facts and Strategies Beyond the Grids | 1.13 Addition and subtraction: two-digit and single digit numbers 1.14 Addition and subtraction: two-digit numbers and multiples of ten | 2AS-3 Add and subtract within 100 by applying related addition and subtraction facts: add and subtract only ones or only tens to/from a two-digit number |