Decimals Unit 1

Short Mental Workouts

The short activities suggested below do not have to be done at the beginning of your maths lesson. They are suitable for doing at any time of the day to provide ongoing revision of important mental and oral skills.

While there probably is not time during your maths lesson for these activities, it is crucial to regularly revisit the skills used. You decide when to use them, perhaps at the beginning of the day for 'morning maths', as you line up for lunch, or as a 'brain-break' during the afternoon.

If an image is suggested, you can find it on the sheet(s) below and/or use the link (beginning https://wrht.org.uk/…) to find it, and other related generic materials.

Day 1
Place value in 1-place decimal numbers
6mm is $^6/_{10}$ of a cm, we can write it as 0.6cm.
I measured the length of each of the fingernails on one of my hands to the nearest millimetre. Here are the measurements: 12mm, 9mm, 13mm, 15mm, 8mm.
Write each length in centimetres.
Rewrite them in decreasing order of length.

Day 2
Adding to the next whole
Call out these numbers: 4.6, 3.7, 9.1, 2.5, 7.4, 8.2, 5.3, 1.9, 7.3, 11.2, 13.7, 25.6
After you say each number, children should respond with the complement to the next whole number, e.g. aloud/using number fans/on whiteboards.

Day 3
Units of time
Call out some times in minutes: 2 minutes, 10 minutes, 3 minutes, 9 minutes, $1^1/_2$ minutes, 30 minutes, 5 minutes, 1 minute 45 seconds, $2^1/_4$ minutes. After you say each time, children tell you how many **seconds** this is, e.g. aloud/using number fans/on whiteboards.
Repeat by calling out some times in minutes: 60 minutes, 120 minutes, 300 minutes, 30 minutes, 45 minutes, 15 minutes, 180 minutes, 75 minutes, 90 minutes. After you say each time, children tell you how many **hours** this is.