Addition

Also, the **Oak Academy online lessons** have 5 sessions – including video, explanations and independent tasks
There are not any addition lessons for Y5 or Y6 but you could work on any subject area you feel you need to improve on: Y5: https://www.thenational.academy/online-classroom/year-5/maths#subjects
Y6 https://www.thenational.academy/online-classroom/year-6/maths#subjects
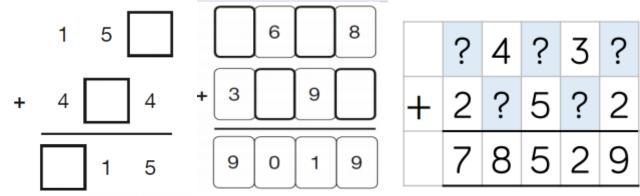
Step 1: Solving addition calculations
Use any strategy you want to solve these problems

$5,756 + 8,643 =$ $707 + 1,818 =$

$89,994 + 7,643 =$ $2.5 + 0.05 =$ $3.005 + 6.12 =$
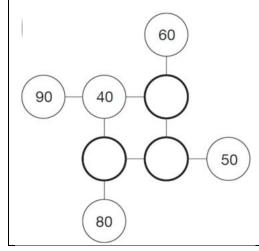
$15.98 + 26.314 =$

EXT. Generate 3 of your own questions to answer – think different numbers of digits, decimals and 3+ numbers to add difficulty.

Step 2: Missing digits

EXT. Can you create your own missing digit questions? What will make them more difficult or easier?
Write 3 of your own.

Step 3: Reasoning with Addition

Circle **one** number in **each** box to make a total of 1000

How many combinations are there?

150		150
250	200	250
350	400	350
450		450

Can you use five of the digits 1 to 9 to make this number sentence true?

□□·□ + □·□ = 31·7

Can you find other sets of five of the digits 1 to 9 that make the sentence true?

Step 4: Solving worded problems

This is how much a taxi driver earns in a week.

	number of journeys	money collected
Monday	23	£85
Tuesday	36	£112
Wednesday	18	£69
Thursday	31	£124
Friday	35	£109

How much money did he collect on the day that he made the most journeys?

£ □

Jack, Rosie and Eva are playing a computer game. Jack has 3,452 points, Rosie has 4,039 points and Eva has 10,989 points.

How many points do Jack and Rosie have altogether?
How many points do Rosie and Eva have altogether?
How many points do Jack and Eva have altogether?
How many points do Jack, Rosie and Eva have altogether?

scarves £7.95 each

hats

£4.50

£6.50

£3.99

Ben buys one of the scarves and the £4.50 hat.

The table shows the cost of train tickets from different cities.

What is the total cost for a return journey to York for one adult and two children?
How much more does it cost for two adults to make a single journey to Hull than to Leeds?

		York	Hull	Leeds
Adult	Single	£13·50	£16·60	£11·00
	Return	£24·50	£30·00	£20·00
Child	Single	£9·75	£11·00	£8·00
	Return	£15·00	£18·50	£13·50

Step 5: Create your own worded problems.

Find the prices of 10 items you might like to buy or from a shopping list (you could use a catalogue, old shopping list website or app to find the prices).
Experiment by asking your own 5 addition worded problems about them and work them out.
Examples:
How much would they all cost in total?
Which 5 items cost the most? Set A or B?
Could you buy all these items for £30?
Which 3 items add up closest to £5?

Additional areas to work on:

Play on Hit the Button - focus multiplication tables.

Work through the areas of an arithmetic paper (which can be found on the KS2 Maths Organiser on the school website) Look at the Calculation Policy on the school website under 'Curriculum' and then 'Maths' for help in how to support + - x and ÷

https://www.sampford-peverell-primary.devon.sch.uk/website/maths/459621