

Activity:

The aim of this activity is for children to practice recognising the place value of each digit in a 3-digit number. There are three questions to complete. The first two questions allow children to practice the skill, while the third question extends them as they have to problem solve and explain their answer.

Vocabulary:

'**Ones**' were known as units prior to the National Curriculum update in 2014.

A **place value chart** is used to identify the value of the digits that make up a number. The chart is broken up into columns which represent 'ones', 'tens', 'hundreds', 'thousands', 'ten thousands', and so on. It can also represent decimal numbers such as 'tenths', 'hundredths', 'thousandths', and so on.

Base 10 equipment refers to a physical resource which represents numbers. The small cubes represent 'ones'; the rods represent 'tens' and are made up of 10 small cubes; the squares represent 'hundreds' and are made up of 10 rods; the large cubes represent 'thousands' and are made up of 10 squares.

Digit cards refers to a physical resource which can be used to create numbers. The digits 0 to 9 are written on individual cards (or paper) and can be ordered to make different numbers. They are especially useful when investigating the value of digits within a number on a place value chart.

Supporting resources:

You can watch a video tutorial about 100s, 10s and 1s on kids.classroomsecrets.co.uk >> **Year 3 >> Maths >> Place Value >> Video Tutorials.**

You can watch the answer explanation video which takes children through this activity and ways to answer it on <https://www.youtube.com/user/ClassroomSecretsLtd/> **playlists >> Year 3 Playlist >> 100s, 10s and 1s 1 Answer Explanation.**

Other resources:

If your child enjoyed this activity and wants to try more activities linked to this learning, you can sign up for £4.83 per month on classroomsecrets.co.uk/membership.

Check out our daily timetable for Year 3 home learning activities on kids.classroomsecrets.co.uk >> Home Learning Timetable.

100s, 10s and 1s 1

1. Table 1 = B. 205 and Table 2 = D. thirty-one

2.

Hundreds	Tens	Ones
		
300	50	3

Hundreds	Tens	Ones
		
600	0	8

3. Suzie is incorrect because 964 is the largest three-digit number that could be made using these digit cards. 9 is the largest digit so it should be placed in the hundreds column, 6 is the second largest digit so this should be placed in the tens column followed by the digit 4 in the ones column.