

Hundredths and Thousandths

Academic Excellence

We will learn the knowledge on the 'recall page' and we will be mastering the following skills:

Extend their understanding of decimal fractions

Explore the additive and multiplicative composition of hundredths and thousandths

Character

What value am I focusing on and how will I demonstrate it?

Independence

How can I be an independent learner?

What do I need to succeed?

What can I get to help me succeed?

Outcome

We will be able to understand hundredths and thousandths. Their place value and how to compare and order, as well as add them.

Learning to Learn

Our focus thinking tool is:

Socratic Questioning

Concept

Personalisation

What will help me in this experience?

What resources do I need to help me.

Cuisenaire rods

Dienes

Place Value Counters

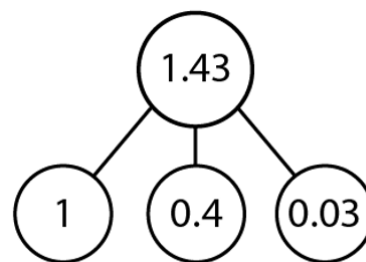
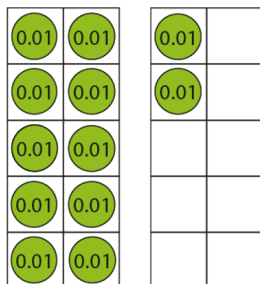
Representations



one hundredth

$$0.12 - 0.05 = 0.07$$

1,000	2,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000
100	200	300	400	500	600	700	800	900
10	20	30	40	50	60	70	80	90
1	2	3	4	5	6	7	8	9
0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09



Recall Page

Vocabulary

Decimal numbers	Numbers that are inbetween whole numbers
Tenths	Splitting a whole into ten equal parts
Hundredths	Splitting a hwhole into one hundred equal parts
Additive composition	Numbers are made up of place value that can be added together to make the number
Multiplicative compo- sition	Numbers can be made up of multi- plying a base ten
Place value	The value of each digit in a number
Decimal point	Used to write a number that is not a whole

Knowledge

I will need to know:

- How to extend my understanding of decimal frac-
tions from tenths to hundredths
- How to explore the additive composition of num-
bers
- How to explore the multiplicative composition of
numbers
- How to explore decimals in the context of measures
and graphing
- How to understand calculation strategies to num-
bers with hundredths

Sentence Stems

The whole is divided into one hundred equal parts:..... Parts is, hundredths

..... Is ten times bigger than.....

.... Is ten times smaller than/one tenth the size of.....

One hundredths can be written as "0.01", so hundredths can be written as "0.....".

Key Facts

The whole is divided into one hundred equal parts: each part is one hundredths of the whole

When one tenths is divided into ten equal parts, each part is one hundredths of the whole

Ten one hundredths equal one tenths

If a digit is moved one column to the left, the number represented becomes ten times bigger.