Disclaimer/s

We hope you find the information on our website and resources useful.

Animations

This resource has been designed with animations to make it as fun and engaging as possible. To view the content in the correct formatting, please view the PowerPoint in 'slide show mode'. This takes you from desktop to presentation mode. If you view the slides out of 'slide show mode', you may find that some of the text and images overlap each other and/or are difficult to read.

To enter slide show mode, go to the **slide show menu tab** and select either **from beginning or from current slide**.



Maths

Measurement

Maths | Measurement | Measuring Length and Height | Lesson 1 of 4: Measuring Length in Centimetres

Need a coherently planned sequence of lessons to complement this resource?

Lesson Breakdown Blovis for vageströn for ha nont ochsent and progressive sequence to teach this area of Paint Media. The stape on the Witee Rose Made scheme of a learning although we have not atmost the exact order is a transport of the mark description of thescription	Introduction This unit will further develop children's concept of measurement in length and he and dims. The develop children's concept of measurement in length and he and dims. The develop children's context in the visibility of measure and provide the different more strateging of the different	light, capacity, weight, money uring and recording in a wide of order measurements and and order time intervals and S	The a who steps Year	aim of this overview is to sup ase the White Rose Mathe a on the White Rose Mathe a on the White Rose Mathe a (ly Overview Week 1 Week 2	port teachern cheme of lea cheme of lea Week 3	wn Consolidation 9 Using Planit Maths to ming to make full use of ming. 3 Week 4	Measureme Market 21 Starts to Progress show the neurose solver that de organisa- than resources available within Plant Week S Wask & Week 2	ent on Overview we sequence to to Matha. Whenever	reach asch area of matha. We rpossible, lesson packs have Week 9 Week 10	also want to keen matche Week	fully support teachers of to each of the small 11 Week 12
The less focuses on fielding by night combination of obsets to make a given provide the second secon	Assessment Statements By the end of this unit; childer working towards the expected level will be able to: - use standard units to estimate and measure length/ height (cm/m), mass (q/k) temperature (c) the end to be able	t the expected level will be able t units to estimate and measure), mass (g/kg), temperature (*C	Aut	Number: Place Vi	alue		Number: Addition and Subtraction		Measurement: Money	Numbe	r: Multiplication nd Division
Combination of Coins (1): The Coin Exchange This fair lesson allows children to use their knowledge of multiples to count from more anto septioning how different cound-stations of coins and the aced state of the sector of the	expandry (triter.vm) accurately: compare and order length, mans, volume/capacity uning the language more than, less than and equal for read scales on onlies, scales, whermometers, and measuring vessels in divisions of ones: • recognise the symbols for pounds ((2) and pneo (p) and show the value of different colum.	a/mi) to the nearest unit accur order length, mass, volume/cs blois <> and +: n rulers, scales, thermometer seals in divisions of ones, two symbols for pounds (b) and rest raises to mark the same	Spring	Number: Multiplication and Division	iber: Multiplication and Division St		Geometry: Properties of Shape	Nu	mber: Fractions	Measurement: Length and Height	Consolidation
NC Statement: Find different combinations of coins that equal the same amounts of money.	solve simple, practical one-step measurement and use offer problems with all four operations. readed and with nearest 3 min four hours in	ent comis to marke the Same i e the time on an analogue old utes; e sixty minutes in one hour a one day;	Riti	Position and Directio	n	Problem Solving a Efficient Method	ind 6 Measurement: Time	Measurem and	nent: Mass, Capacity Temperature	Invest	ligations
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See our Measurement Steps to Progression document.

Twinkl PlanIt is our award-winning scheme of work with over 4000 resources.



Measuring Length in Centimetres

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

twinkl



Aim

• To measure length to the nearest centimetre.

Success Criteria

- I can use a ruler to measure accurately.
- I can measure to the nearest centimetre.

Remember It

What tools can we use to measure length or height?



Why is it important that we all use the same units of measurement? Explain to your partner.

Here are some types of 30cm rulers.

How are they the same? How are they different?

cm

 0
 1
 2
 3
 4
 5
 6
 7
 8
 9
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 inches
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 26
 2

Investigate your ruler. Does it look like one of these or is it different?

Let's remind ourselves how to measure the **length** of an object step by step, by measuring this shoelace.



1. Make sure the object you are measuring is lined up either with zero or the end of your ruler (if that represents zero).



You can also use a ruler to measure how **tall** something is, like this welly.



Shoe Sizes

Practise reading the scales to measure the lengths of the children's shoes.



Shoe Sizes

Practise reading the scales to measure the lengths of the children's shoes.



The Nearest Centimetre

8



Let's have a close look at the length of this s

5

6

4

cm

0 1

inches

Juuluuluuluuluuluu

The lace is **closer** to 14cm than 15cm.

2

3

To the nearest centimetre, it is **14cm** long (even though it is a little more than 14cm).

14

15



Measurement Challenge

Franz has measured his shoelace to the nearest centimetre.



Measurement Challenge

How would you measure these lines if they are all in different orientations?





Measuring Length



Diving into Mastery

Dive in by completing your own activity!



Measuring Length in Centimetres		
Measure these lines with a ruler. Remember to start at 0.	6	
cm		
cm		
cm	\square	
Which line is the longest? Which is the shortest?		- Nor
Can you find any of these objects in your classroom?		
Measure them to the nearest centimetre.		
	0	

Aim

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