

Addition and Subtraction

Knowledge Organiser

Key Vocabulary

3-digit and 1-digit numbers

add total

plus

sum

more

altogether

difference

subtract

less

minus

take away

column addition

column subtraction

exchange

estimate

inverse operation

solve problems

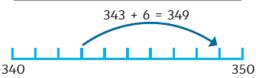
number facts

place value

twinkl visit twinkl.com

Not crossing 10s

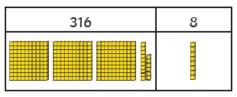
Hundred	Ten	Ones	
•	000	0000	



Crossing 10s

(Regrouping)

324				
300	4			
300	10	14		



3-digit and 2-digit numbers

Addition and Subtraction Methods

Add and subtract tens

Hundred	Ten	Ones
00	000	•

Crossing 10s (Regrouping)

- Column method
- · Count in 10s mentally
- · Add 100, subtract 20

Crossing 10 and 100

3/1 4/41	313 1 441	313 1 441
-73	-73	- 73
8	68	368

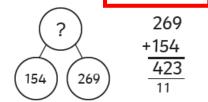
3-digit numbers

Not crossing

Hundred	Ten	Ones
000	•••	0000

Crossing 10s (Regrouping)

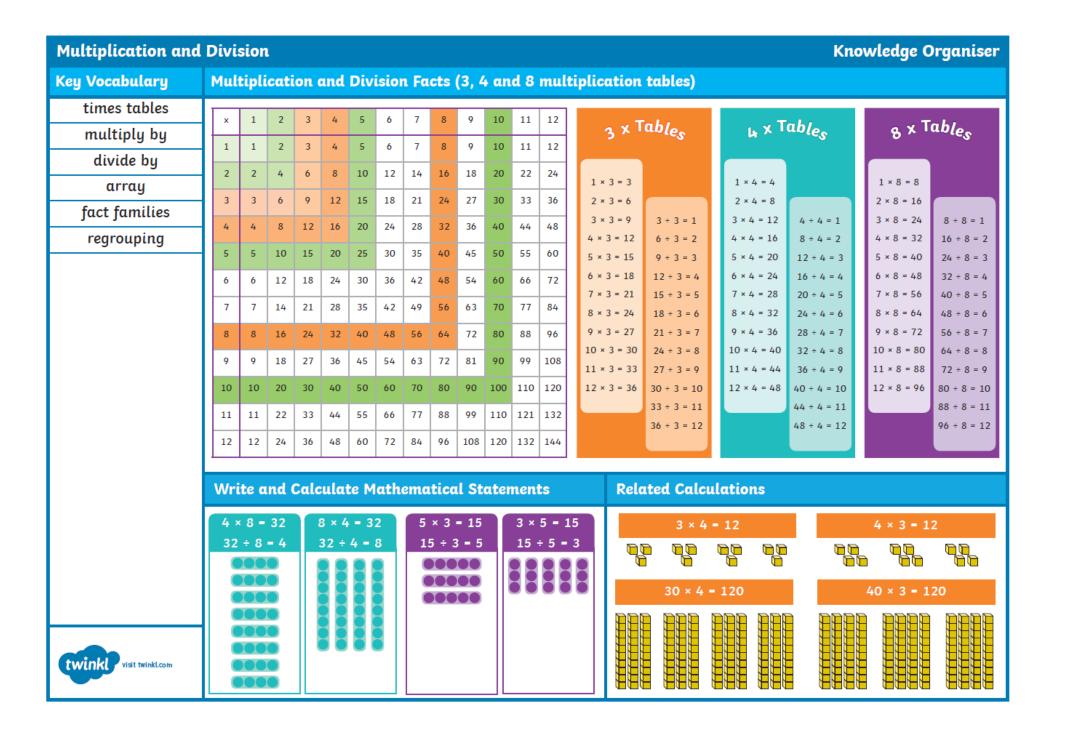




51	4 10 1 51 /4	
268	?	- <u>268</u> 246

Add and Subtract 100s

Hundred	Ten	Ones
		8000



	Punctuation Power!		
Α	Capital letters for the start of sentences, names and places.		
	A full stop at the end of a sentence.		
!	Exclamation marks for exclamations or surprise.		
?	Question marks for questions.		
,	Apostrophes for showing something belongs to someone and to mark missing letters in contracted words, e.g. didn't.		
,	Commas to separate items on a list.		
un	Inverted commas to show direct speech.		

Fantastic Ways to Show Time, Place and Cause in Your Sentences						
Subor	dinating Conj	unctions				
when	when before because					
after while						
	Prepositions					
in	in during because of					
over	near until					
above behind						
Adverbs						
next	next soon then					
therefore						

Can you squeeze in some co-ordinating conjunctions? F for A and N nor B but O or Y yet S so

Know your Prefixes
un- means not
pre- means before
mis- means wrong
super- means above
re- means again
sub- means under
inter- means between
anti- means against
auto- means self
im/ir/in/il- mean not

Which is Witch? Don't Muddle Your Homophones		
there/their/they're		
our/are		
two/too/to		
your/you're		
here/hear		

Writing Mat Expected Year 3

Super Spellings I need to know most of these:					
accident	centre	experience	important	ordinary	reign
accidentally	century	experiment	interest	particular	remember
actual	certain	extreme	island	peculiar	sentence
actually	circle	famous	knowledge	perhaps	separate
address	complete	favourite	learn	popular	special
although	consider	February	length	position	straight
answer	continue	forwards	library	possess	strange
appear	decide	fruit	material	possession	strength
arrive	describe	grammar	medicine	possible	suppose
believe	different	group	mention	potatoes	surprise
bicycle	difficult	guard	minute	pressure	therefore
breath	disappear	guide	natural	probably	though
breathe	early	heard	naughty	promise	thought
build	earth	heart	notice	purpose	through
busy	eight	height	occasion	quarter	various
business	eighth	history	occasionally	question	weight
calendar	enough	imagine	often	recent	woman
caught	exercise	increase	opposite	regular	women

Don't forget to organise your writing into **paragraphs**. Each one needs a few sentences linked to the same theme.



Knowledge organiser

Within living memory...

Masato Sagawa (1943-)



Creator of the strongest permanent magnet.

Beyond living memory...

Leonardi Da Vinci (1452-1519)



Inventor who investigated forces and friction.

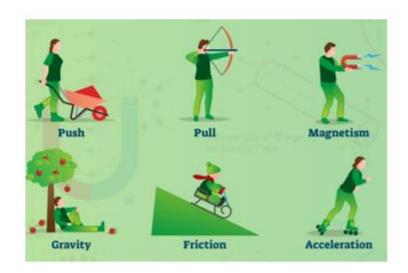
Iron Nickel Steel Stainless steel

Vocabulary

Tier 2: push, pull, surface, movement, magnet, attract, repel, north/south pole, metal, iron, steel, nickel

Tier 3: contact/non-contact force, friction, resistance, gravity, magnetic field, magnetism, horseshoe/bar/ring magnet

Disciplinary: observe, identify, method, fair test, variable, conclusion, predict, record, data

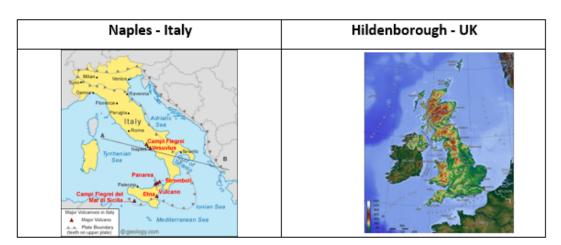


Knowledge Organiser- Spatial Sense (Geography Year 3)

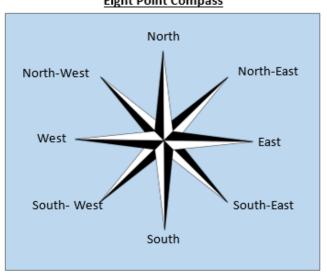
Key Vocabulary	Definition	
Eight-point compass	A tool used for navigation, shows the following	
	directions; north, north-east, east, south-east,	
	south, south west, west and north west.	
Grid reference	A set of information (often a letter and a	
	number) that locates a place on a map.	
Symbols	Small simple pictures that represent different	
	things on a map.	
Key	A key gives information about the symbols	
	included on a map.	
Human features	Man-made features of an area, for example,	
	buildings, bridges and roads.	
Physical features	Natural features of an area, for example, rivers,	
	hills, valleys.	

Map of the Local Area Whildenborough Church of England... St John's Church Hall Hildenborough Village Hall Volvo Cars Tonbridge Woodside Cottage Roofing Supplies Fidelity Internation

Contrasting Physical Geography



Eight Point Compass



Knowledge Organiser: Year 3 Dance Unit 1

Prior Learning:

Perform using more sophisticated formations as well as an individual. Use the stimuli to copy, repeat and create dance actions and motifs.

Unit Focus:

Practise and put together a performance. Perform using facial expressions. Perform with a prop.

Equipment needed: Music player, music, cones, hoops, throw down spots, balloons, laptop internet access, chairs.



Miss Honey Mr Wormwood Wind Phoughtur Caring Helpful Caring Helpful Weak' Uncaring

Key Vocabulary/Skills		
Perform a jazz square.	Facial	
Perform as 2 contrasting characters.	expression, improvisation,	
Explore characters through description.	rehearse, director.	
Communicate ideas as part of a group.		
Use a prop in a 4-action dance phrase.		

Head: Describe features of dances performed by others.

Hand: Competently include props and other ideas in their dance.

Heart: Share and create short dance phrases.

Key Questions:

- 1. Why are facial expressions important in dance?
- What actions might you perform when scared? (or happy or sad)
- 3. What other props might you have in dance?

Concepts:

- Props are objects that dancers use to enhance their dance like chairs, fans, ribbons and swords.
- Choreography is the act of designing a dance.



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