The Building Blocks of Sentences

Nouns

We use **nouns** to give names to people, places and things.

Proper nouns start with capital letters and they can be:

- names of particular people (<u>Joe</u>, <u>Amy</u>)
- place names (Spain, London)
- days and months (<u>Monday</u>, <u>July</u>)

Common nouns such as <u>child</u>, town and <u>mouse</u> are not names of any particular person, place or thing.

Nouns can also be **countable** (book, toy) or **non-countable** (water, imagination).

Noun Phrases

Noun phrases are groups of words doing the job of a noun. **Example:** The old yak walked slowly to the field.

Pronouns

Pronouns are used in place of nouns in sentences.

Example: Jane went to school \rightarrow She went to school

Pronouns like mine and yours are called **possessive pronouns**. They show who something belongs to, Example: Yours is the best.

Determiners

Determiners give important information about nouns.

- Examples: the, a, an this, that
 - the picture was amazing
 - that book is fantastic
 - <u>some</u>, <u>every</u> <u>some</u> noisy people arrived
 - my name is Sam

Determiners have to go before adjectives in sentences.

my, your

Adjectives

Adjectives describe things. They can tell us about 'colour', 'size', 'how many' and lots more.

Examples: The <u>blue</u> pencil. An <u>enormous</u> bar of chocolate.

Verbs

Verbs often tell us what someone or something is doing or feeling. Verbs have different tenses.

Examples: I <u>feel</u> full. (Present tense) They <u>walked</u> back home. (Past tense)

The Building Blocks of Sentences

Modal Verbs

Modal verbs are words like: <u>will</u>, <u>would</u>, <u>can</u>, <u>could</u>, <u>should</u>, <u>might</u> and <u>must</u>. They change the meaning of other verbs.

Examples: You should help your mother. We must follow the directions.

Conjunctions

Conjunctions usually connect words or ideas together inside a <u>sentence</u>.

Examples: and, but, or, when, because, although

Dave <u>and</u> his friend went outside.

They couldn't get to school <u>because</u> the snow was too deep.

Adverbs

Adverbs usually tell us information about 'how', 'when', 'where' or 'how much'. They can be used with verbs, adjectives or other adverbs. **Examples:** He shouted <u>loudly</u>. The game was <u>really</u> exciting. She ran <u>very</u> quickly.

Connecting Adverbs

Connecting adverbs can be used to link ideas in one sentence to ideas in another. **Examples:** however, furthermore, consequently, secondly, meanwhile I enjoyed my dinner. <u>However</u>, I'd like something different tomorrow. Connecting adverbs and conjunctions are sometimes called **connectives**.

Adverbials

Adverbials are groups of words used like an adverb. Example: The ship sails in ten minutes.

They are called **fronted adverbials** if they are at the front of a sentence. **Example:** In ten minutes the ship sails.

Prepositions

Prepositions often tell us where something or someone is. **Examples:** The message is <u>in</u> the bottle. They are back <u>from</u> France.

Interjections

Interjections are used to show feeling and emotion. They often have exclamation marks after them.

Example: <u>Ouch</u>! I've hit my finger!

Conjunctions Explained

Conjunctions connect words, phrases and clauses together.



Subordinating Conjunctions

We use subordinating conjunctions such as <u>because</u>, <u>although</u> and <u>until</u> to introduce **adverbial** clauses which often tell us how, when or why something happened. Adverbial clauses are **subordinate** clauses because they only make sense when they are with a main clause.

Here are some examples:

They went to the café because they were hungry.

We ate the food <u>although</u> we didn't like it.

I'll stay with you <u>until</u> your mother gets home.

There are lots of subordinating conjunctions:

After, before, if, except, since, though, whereas, unless, until, when, where, wherever, whether, while

Some phrases also act as conjunctions such as 'in case' and 'as long as'.

Punctuation



- **Full stop** (.) Used to end a sentence.
- Question mark (?) Ends a sentence that asks a question.
- Comma (,) Used to separate parts of a sentence. It is also used to split up items in a list.
- **Exclamation mark** (!) Used at the end of a sentence to show a strong feeling or emotion like surprise, shock pain, joy or anger.
- **Ellipsis** (...) Used to show that something has been left out or is not finished.
- Apostrophe (') Used to show ownership (The girl's coat). It is also used to show that a word has been shortened by missing out letters (I am = I'm).
- Inverted commas ("") Used to show that someone is speaking. They wrap around the words that are being spoken.
- **Colon** (:) Used to introduce a list or a following example.
- Semi-colon (;) Used to separate main clauses. (I liked the book; it was great to read.) Also used to split up phrases or clauses in a list. For example: I need a large bar of chocolate; a box of breakfast cereal; a mixing bowl and a wooden spoon.
- **Brackets ()** Used to add extra detail (elaborate).
- **Dash** (-) Dashes have several uses:
 - For emphasis, e.g. you need one thing—imagination.
 - To add extra information, e.g. his foot-the size of a football-was painful.
 - To add extra comments, e.g. "I've finished—at least I think I have."
- Hyphen (-) Used to join two or more words or to divide a word that runs over two lines.

Apostrophes to Show Omission

Use an apostrophe ' to show where a letter has been omitted from (left out of) a word or phrase.

I'm I've I'll	- I am - I have - I will	can't couldn't could've	 cannot could not could have
I'd	- I had - I should - I would	didn't don't doesn't	 did not do not does not
she's	- she is - she has	how've how's	how havehow is
he'll	- he will	isn't	is not
we'd we've we'll	- we had - we have	iťs	- it is - it has
vour		mightn't mustn't	 might not must not
you've you'll you'd	 you have you will you had 	shouldn't should've	 should not should have
they're they'll	 they are they will 	'til 'tis	- until - it is
they'd they' ve	they hadthey have	wouldn't would've	would notwould have

Apostrophes to Show Possession (who things belong to)

Types of Noun	Examples
With singular nouns , add 's	Our cat 's teeth The boss 's chair
With plural nouns ending in s , just add the apostrophe	My parents' car (the car belonging to my parents)
With plural nouns not ending in s , add 's	The children's playing field

Note: names from ancient times ending with **s** are often treated differently. **For example:** Socrates' death, not Socrates's death.

1. Plan your work in rough before you produce it

A plan is really useful as it helps you structure your writing and capture any ideas or points you want to include. With a good plan you can concentrate on how to express yourself without having to think about content.

You can plan your work in a variety of ways. One effective way is to use a Mind Map. This is a diagram to show information in picture form. A mind map is often created around a single word as shown.



2. Vocabulary

Always try to use the most expressive words you can. Use a thesaurus to find better words. Try not to use the same words too often in the same piece of work.

To improve your vocabulary write down a list of words you don't know when you read or hear them and then look them up using a dictionary later and write down their meanings.

	3. Using different ways to begin sentences				
Try to start your sentences in different ways. Here are some examples:					
An adverb : Sadly, he was no longer the leader.					
A verb:	Jumping up suddenly, Jane bumped her head on the cupboard.				
An adjective :	Terrible things had happened in that evil place.				
A preposition:	Under the table, the cat was fast asleep.				
A noun:	Aisha loved chocolate.				
A pronoun:	She had never liked olives before.				
An interjection:	`Ouch!' said Georgia as she hit her knee.				

Ways to Improve Your Written Work

4. Using different types of sentences

Your writing will be more interesting if it includes sentences of different lengths and types.

A fragment sentence (one word): Bang!

A simple sentence (only one clause): Tilly locked the door.

A **compound sentence** (with two independent clauses): *I really want to go out, but I am too ill to get up.*

A **complex sentence** (with an independent clause and at least one dependent clause): *Taking his coat off, Henry thought about the day*.



6. Writing in a formal style

Sometimes we need to write in a formal style, e.g. a letter to someone in authority.

Do not use slang words.

Do not use 'text speak'.

Do not use abbreviations (shortened words, e.g. Wellies for Wellington Boots) and contractions (where you miss letters out, e.g. can't).

7. Check your work when you have finished

For example:

- Read your work aloud to yourself to see if it 'sounds right'.
- □ Make sure you have not repeated the same word too often.
- Check you have not missed out words or written them twice by mistake.
- Check for spelling, punctuation and grammar mistakes.
- □ Is your handwriting and presentation neat?

Ideas for Sentence Openers



Openers are words we can use to begin a sentence. **Example:** <u>Finally</u>, the plane landed.

Here are some examples:

The	T+	Finally	Evoited	Fortupatoly
me	10	Filidity	Excited	Fortunately
My	First	Noisily	Taken	Unfortunately
Next	Once	Cautiously	Frozen	Afterwards
Then	On	Silently	Broken	Furthermore
When	During	Racing	Despite	Meanwhile
After	Soon	Looking	However	Consequently
Ι	So	Having	Although	Secondly
We	If	Amused	Before	Even though
They	Later	Bewildered	Eventually	Nevertheless

To improve your writing, try to use lots of different openers. As you read, look out for more openers you would like to use. You can make a note of your favourite ones here:

	My Ideas for Great Openers
Opener	Example sentence

Figures of Speech and Poetic Devices

Simile

When an object is compared to something similar in behaviour or appearance. A simile is often introduced by 'like' or 'as'.

e.g. Skin like ice. As sure footed as a mountain goat.

Metaphor

We use a metaphor when we describe something with a word or phrase that means something in our imagination but doesn't really apply.

e.g. It was a **dirty** trick. David is a **cheeky monkey**.

Personification

When something that is not human is given thoughts, feelings and emotions that only a human can have, or when something is called **he** or **she**.

e.g. The snowman **stared at us** from across the garden. That's my car - **she's** great!

Alliteration

This is the repetition of the same letter or sound.

e.g. She created rapidly repeating random rows of real rubbish. They were furry-faced female foxes.

Onomatopoeia

The use of words that have been formed from the sound associated with the word.

e.g. cuckoo / sizzle / plop / hiss / buzz The chicken curry sizzled with the heat from the iron dish.

Hyperbole

Exaggeration that is used for effect and cannot be taken literally.

e.g. I've had a million phone calls today. I walked half way around Europe to get here.

Euphemism

Using mild or vague expressions to refer to something unpleasant or embarrassing.

e.g. 'We had to put the cat **to sleep**' instead of 'We had the cat killed' 'She **passed away** peacefully' instead of 'She died'

Pun

A humorous play on words to suggest different meanings.

e.g. 'I've been to the dentist several times so I know the **drill**' A pun on the double meaning of the word drill.

Spelling Strategies



General Spelling List

The following list of spellings was compiled by a number of secondary schools who all identified the following words as commonly misspelled words among your age group.

- ✓ accommodation
- ✓ actually
- ✓ although
- ✓ analyse/analysis
- ✓ argument
- ✓ assessment
- ✓ atmosphere
- ✓ audience
- 🗸 autumn
- ✓ beautiful
- ✓ beginning
- ✓ believe
- ✓ beneath
- buried
- ✓ business
- ✓ caught
- ✓ chocolate
- 🗸 climb
- 🗸 column
- ✓ concentration
- conclusion
- ✓ conscience
- conscious
- ✓ consequence
- ✓ continuous
- ✓ creation
- daughter
- decide/decision
- ✓ definite
- ✓ design
- ✓ development
- diamond
- 🗸 diary
- ✓ disappear
- disappoint
- ✓ embarrass
- ✓ energy

- ✓ fierce
- 🖌 fulfil
- February
- ✓ furthermore
- 🗸 guard
- ✓ happened
- health
- ✓ height
- ✓ imaginary
- ✓ improvise
- ✓ industrial
- ✓ interesting
- ✓ interrupt
- 🗸 issue
- ✓ jealous
- knowledge
- listening
- < lonely
- lovely
- marriage
- 🗸 material
- meanwhile
- miscellaneous
- 🖌 mischief
- modern
- moreover
- 🗸 murmur
- ✓ necessary
- nervous
- original
- ✓ outrageous
- ✓ parallel
- ✓ participation
- ✓ pattern
- ✓ peaceful
- ✓ people

proportion proposition aueue reaction receive reference relief remember research resources safety Saturday secondary separate seauence shoulder

prioritise

process

- ✓ sincerely
- ✓ skilful
- ✓ soldier
- 🗸 stomach
- 🗸 straight
- ✓ strategy
- 🗸 strength
- ✓ success
- ✓ surely
- 🗸 surprise
- 🗸 survey
- ✓ technique
- ✓ technology
- 🖌 texture
- ✓ tomorrow
- ✓ unfortunately
- Wednesday
- ✓ weight

Homophones and Near-homophones

Homophones are words that sound the same but have different spellings. Near-homophones almost sound the same, and some words are just easy to get mixed up! Here are some to look out for.

there their they're	Look over <u>there</u> ! They have <u>their</u> own drinks. <u>They're</u> (they are) having fun.	to two l too f	We are going <u>to</u> the cinema. I have <u>two</u> pet cats and a dog. My toy plane is <u>too</u> heavy to fly.
quiet	We must be <u>quiet</u> in the library.	accept	Will you <u>accept</u> this gift?
quite	The jar is not <u>quite</u> full.	except	Everyone went home <u>except</u> me.
here	Please bring it <u>here</u> to me.	affect	The bad weather won't <u>affect</u> me.
hear	Can you <u>hear</u> the music?	effect	Sweets have a bad <u>effect</u> on teeth.
see	When I close my eyes I can't <u>see</u> .	berry	A juicy <u>berry</u> is very tasty.
sea	Let's go swimming in the <u>sea</u> .	bury	A pirate likes to <u>bury</u> treasure.
bare	It's easier to climb with <u>bare</u> feet.	break	If you drop the glass it will <u>break</u> .
bear	A <u>bear</u> is a wild animal.	brake	Use your <u>brake</u> to slow you down.
be	I want to <u>be</u> a vet when I'm older.	grown	The puppy is almost fully <u>grown</u> .
bee	A <u>bee</u> looks similar to a wasp.	groan	He hit his toe and let out a <u>groan</u> .
blue	Blue is the best colour.	mail	Mail comes through the letterbox.
blew	The wind blew my hat off.	male	A boy is male, a girl is female.
night	We can see the stars at <u>night</u> .	meet	It's great to <u>meet</u> you.
knight	The brave <u>knight</u> rode a white horse.	meat	Vegetarians don't eat <u>meat</u> .
new	My shoes are old, I need <u>new</u> ones.	missed	A snowball just <u>missed</u> Mum.
knew	He already <u>knew</u> his times tables.	mist	The <u>mist</u> felt wet on my face.
for	This present is <u>for</u> you.	piece	Can I have a <u>piece</u> of cake please?
four	Five, <u>four</u> , three, two, one, GO!	peace	He needs <u>peace</u> and quiet.
are	These <u>are</u> my favourite fruits.	plane	The <u>plane</u> landed on the runway.
our	Miss Jackson is <u>our</u> teacher.	plain	She likes <u>plain</u> not spicy food.
where	Where have I put my pencil?	weather	It is sunny <u>weather</u> .
wear	Today, I need to <u>wear</u> a coat.	whether	I don't know <u>whether</u> to go or not.
one	<u>One</u> , two, three, four	whose	Whose coat is this?
won	Great! I have <u>won</u> a prize.	who's	Who's (who is) in the kitchen?

Homophones and Near-homophones

Homophones are words that sound the same but have different spellings. Near-homophones almost sound the same, and some words are just easy to get mixed up! Here are some to look out for.



Multiplication

Multiplication Table

Square Number	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Fraction	Decimal	Percentage
1	1	100%
$\frac{4}{5}$	0.8	80%
$\frac{3}{4}$	0.75	75%
<u>2</u> 3	0.6666 or 0.6	66.Ġ%
<u>3</u> 5	0.6	60%
<u>1</u> 2	0.5	50%
<u>2</u> 5	0.4	40%
$\frac{1}{3}$	0.3333 or 0.3	33.3%

Example

$\frac{4}{5}$ = $(4 \div 5)$ = 0.8 = $(0.8 \times 100\%)$ = 80%

Steps in Long Multiplication

```
- E.g. 45 x 23 -
```

Step 1 - Partitioning

Recognise that $45 \times 23 = (3 \times 5) + (3 \times 40) + (20 \times 5) + (20 \times 40)$





Step 4 - Long Multiplication		
$ \begin{array}{r} 45 \\ x 23 \\ 135 \\ 900 \\ 1035 \end{array} $	(3 x 45) (20 x 45)	

Steps in Division

o			•••
Step I - Know	now multipli	cation and div	/ision are related

5 x 8 = 40	SO	40 ÷ 8 = 5
	and	40 ÷ 5 = 8



Positive and Negative Numbers



Examples



Conversions

		Length		
1 centimetre (cm)	=	10 millimetres (mm)	=	0.394 inches (in)
1 metre (m)	=	100 cm	=	1.094 yards (yd)
1 kilometre (km)	=	1000 m	=	0.621 miles
1 inch (in)	=		=	2.54 cm
1 foot (ft)	=	12 in	=	30.48 cm
1 yard (yd)	=	36 in	=	0.914 m
1 mile	=	1760 yd	=	1.609 km

		Area		
1 sq cm (cm ²)	=	100 mm ²		0.1550 in ²
1 sq metre (m ²)	=	10 000 cm ²	=	1.1960 yd ²
1 sq km (km²)	=	100 hectares	=	0.3861 mile ²
1 sq in (in²)	=		=	6.4516 cm ²
1 sq ft (ft²)	=	144 sq in	=	929.03 cm ²
1 sq yard (yd ²)	=	9 ft²	⊨ –	0.8361 m ²
1 sq mile (mile ²)	=	640 acres	=	2.5900 km ²

		Volume			
1 litre (l)	=	1000 ml	=	1.76 pints	
1 cubic metre (m ³)	=	1,000,000 cm ³	=	1000 L 0.5683 L	
1 gallon (gal)	=	8 pt	=	4.5460 L	

		Mass		
1 gram (g) =	1000 mg	=	0.0353 oz
1 kilogra	m (kg) =	1000 g	=	2.2046 lb
1 tonne	(t) =	1000 kg	=	0.9842 ton
1 ounce	(oz) =	437.5 grains	=	28.3500 g
1 pound	(lb) =	16 oz	=	0.4536 kg
1 ton	=	20 cwt	=	1.0160 t

	\	/elocity	,	
miles per hour km per hour km per hour metres per sec	x x x x	1.609 0.6214 0.278 3.6	= = =	km per hour miles per hour metres per sec km per hour

Tei	mperature
°F to °C: e.g. 86°F:	$ \begin{array}{c} -32 \\ \hline 54 \end{array} \rightarrow \begin{array}{c} x5 \\ \hline 70 \end{array} \rightarrow \begin{array}{c} \div9 \\ \hline 30^{\circ}C \end{array} $
°C to °F: e.g. 15°C:	$\begin{array}{c} x9 \rightarrow \div 5 \rightarrow +32 \\ 135 \rightarrow 27 \rightarrow 59^{\circ}F \end{array}$

Circles, Triangles and Quadrilaterals



Volumes (V) & Surface Areas (A)



Angles



angle \mathbf{f} + angle \mathbf{g} + angle \mathbf{h} = 180°

360° angles



The sum of all angles that meet at a point is 360°

Use subtraction to find the missing angle $360^{\circ} - 120^{\circ} - 130^{\circ} = x$

Percentages, Fractions and Decimals



Changing fractions to percentages

Multiply the fraction by 100%

e.g.
$$\frac{1}{2} = \frac{1}{2} \times 100\% = \frac{1 \times 100}{2}\% = 50\%$$

 $\frac{3}{5} = \frac{3}{5} \times 100\% = \frac{3 \times 100}{5}\% = 3 \times 20\% = 60\%$

Changing percentages to decimals

Write the percentage as a fraction and divide the numerator by the denominator e.g. $60\% = \frac{60}{100} = 60 \div 100 = 0.6$ $14\% = \frac{14}{100} = 14 \div 100 = 0.14$

Changing decimals to percentages

Multiply the decimal by 100%

e.g.
$$0.15 = 0.15 \times 100\% = 15\%$$

Percentages



Finding VAT						
VAT = 20% (10% + 10%)						
VAT on $\pounds 80 = \pounds 8 + \pounds 8 = \pounds 16$						

Number Patterns

