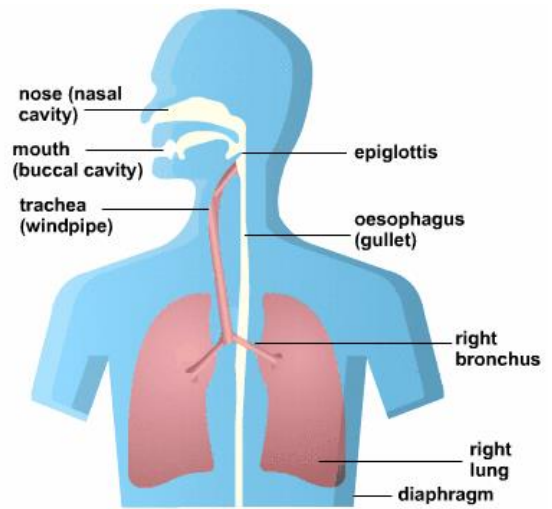
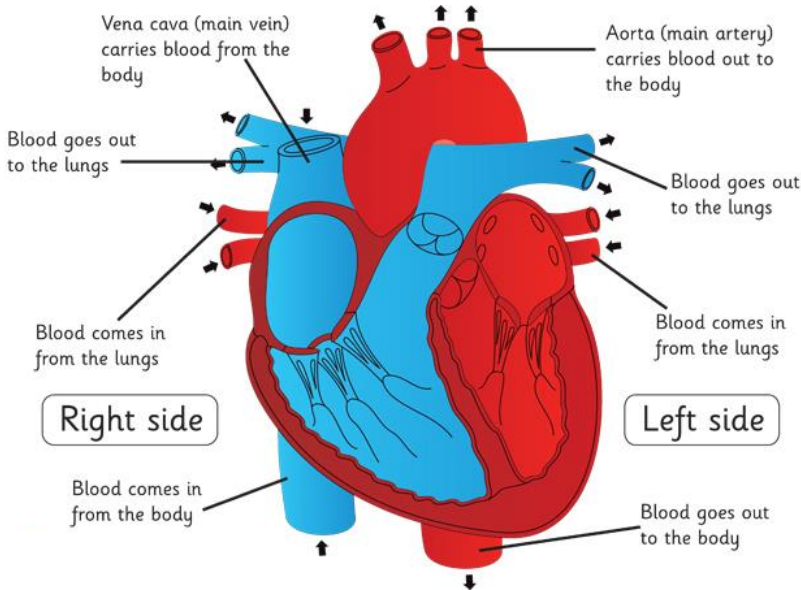


Vocabulary



Science: Circulation and respiration

What happens to your body when you exercise?

Maths

Algebra

In algebra, we use letters to replace any numbers that we don't know yet.

$$_ + 4 = 10$$

$$x + 4 = 10 \rightarrow x = 6$$

The number that we don't know is sometimes called the unknown or the variable.

If we don't know more than one of the numbers, we can use different letters.

$$2x + y = 7$$

Algebra is just like a puzzle where you have to find out the value of the missing numbers!

$3P + 7 = 13$ $T^2 R = 7$

Decimals, Percentages and Fractions

Fraction	Percentage	Decimal
1 whole	100%	1
$\frac{1}{2}$	50%	0.5
$\frac{1}{3}$	33.3%	0.33
$\frac{1}{4}$	25%	0.25
$\frac{1}{5}$	20%	0.2
$\frac{1}{6}$	16.7%	0.167
$\frac{1}{8}$	12.5%	0.125
$\frac{1}{10}$	10%	0.1
$\frac{1}{12}$	8.3%	0.083

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English - Writing

Character description

- Weave the description into the character's activities
- Expand nouns with adjectives to give detail
- Expand verbs with adverbs to explain how characters perform actions
- Try to describe personality as well as appearance

Persuasive Arguments

- Clear introduction and conclusion
- Only one side of an issue is debated
- Points made are backed up with facts or evidence
- Logical conjunctions used to structure text
- Persuasive devices used to convince the reader e.g. emotive language, rhetorical questions