

# The Language of Science



# The Language of Science

- One of the reason why students find biology difficult is the **LANGUAGE**
  - Specifically, it is **writing**, **spelling** and **reading**
- Here is a little **helper sheet** which will help you when you try to learn **Biology**
- Biology vocabulary's words is **like PUZZLE pieces** that are linked together
- If you learn the pieces of the puzzle then the vocabulary will be **so much easier to learn**

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<b>Latin Word</b>	<b>Meaning in English</b>
<b>a or an</b>	not or non
<b>meso</b>	middle
<b>endo</b>	inner, inside
<b>aero</b>	needing oxygen or air
<b>anti</b>	against
<b>amphi</b>	both, doubly
<b>aqua</b>	water
<b>arthro</b>	joint

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Latin Word	Meaning in English
<b>auto</b>	self
<b>bi</b>	two, twice, double
<b>bio</b>	life, living
<b>cephal</b>	head
<b>chloro</b>	green
<b>chromo</b>	color
<b>cide</b>	killer, kill, killing
<b>cyto</b>	cell

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<b>Latin Word</b>	<b>Meaning in English</b>
<b>derm</b>	skin
<b>di</b>	two, double
<b>ecto (exo)</b>	outer, external
<b>endo</b>	internal
<b>epi</b>	above
<b>gastro</b>	stomach
<b>genesis</b>	origin, beginning
<b>herba</b>	plants

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<b>Latin Word</b>	<b>Meaning in English</b>
<b>hetero</b>	different
<b>homo</b>	alike, similar
<b>hydro</b>	water
<b>hemo</b>	blood
<b>hyper</b>	above
<b>hypo</b>	below
<b>intra</b>	within, inside
<b>itis</b>	disease, inflammation

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<b>Latin Word</b>	<b>Meaning in English</b>
<b>lateral</b>	side
<b>logy</b>	study of
<b>lys</b>	break down
<b>meter</b>	measurement
<b>mono</b>	one, single
<b>morph</b>	form
<b>micro</b>	small
<b>macro</b>	large

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Latin Word	Meaning in English
<b>multi</b>	many
<b>pod</b>	foot
<b>phobia</b>	dislike, fear
<b>philia</b>	like
<b>plasm</b>	form
<b>proto</b>	first
<b>photo</b>	light
<b>poly</b>	many



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<b>Latin Word</b>	<b>Meaning in English</b>
<b>synthesis</b>	to make
<b>sub</b>	lesser, below
<b>troph</b>	eat, consume
<b>therm</b>	heat
<b>tri</b>	three
<b>zoo, zoa</b>	animal
<b>dactyl</b>	Digit, finger, toe
<b>arachnid</b>	Class of animals (spiders)

# The Language of Science

**For example:**

**BIOLOGY**

**E**

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# The Language of Science

**For example:**

## POLYMORPHISM

PC

id

# The Language of Science

**For example:**

## POLYMORPHISM



# TO DO...

- ◉ Read textbook 1.3 Methods of Science (pages 16 - 21)
- ◉ Do textbook problems:
- ◉ 15 - 22 (page 26)
- ◉ 1,2,3,5 (page 27)