

Invertebrates

The enormous diversity of life. Worms.

Groups of invertebrates

Search the name of the different groups of invertebrates in this wordsearch:

U	M	M	E	K	W	W	O	R	M	S	X	T	E	E
E	P	U	Y	T	C	U	L	G	E	P	Y	D	A	C
T	P	M	A	M	M	A	L	S	H	Q	B	L	R	H
C	N	I	D	A	R	I	A	N	S	N	R	H	T	I
P	V	D	T	F	V	C	C	S	F	I	S	H	H	N
F	W	O	I	O	C	H	Z	K	R	E	V	R	R	O
R	J	K	A	M	P	H	I	B	I	A	N	S	O	D
E	C	R	B	L	T	G	E	J	B	Z	Z	J	P	E
P	P	J	I	B	B	F	N	A	W	W	H	V	O	R
T	S	J	R	V	E	K	A	Q	P	P	T	V	D	M
I	V	D	D	C	C	Z	E	G	X	E	V	J	S	S
L	K	Q	S	V	L	J	L	N	E	F	I	C	D	X
E	P	O	R	I	F	E	R	A	N	S	A	G	R	W
S	V	X	Z	P	C	O	A	S	V	G	T	U	H	Q
A	S	S	M	O	L	L	U	S	C	S	H	L	O	N

Worms

The group “worms” is not a real phylum used in biology. On the contrary, it is an artificial group that **encompasses** (abarca) different phyla.

Fill the gaps:

They have _____ and _____ bodies and they have _____ symmetry.

Drag each phylum and drop it over the image of one of the organisms that belong to it:

Annelids

Nematodes

Platyhelminthes



Platyhelminthes

Select the characteristics that belong to the platyhelminthes:

They are always very short.

They have a long, flat body.

Most of them are harmless for the humans. It means that they don't hurt us.

Some live independently (usually in water) and others are parasites.

They can only reproduce sexually.

They cannot have hooks and suckers (ganchos y ventosas) on their scolex.



Platyhelminthes

Connect the numbers under the pictures with the characteristics of these groups.
The characteristics (of each group) are ordered from left to right.
You should connect them in order:

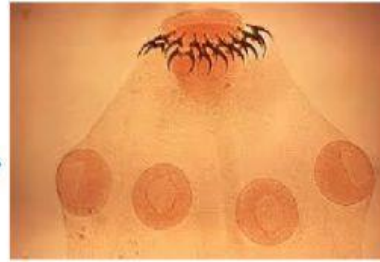


1 2 3 4



Planarian

Tapeworm



1 2 3 4

They are
always parasites

They are
fragile

They have a "head"
called scolex.

They can
reproduce by
fragmentation.

They are very
small.

They have hooks
and suckers to
attach themselves
to the intestines.

They can
regenerate lost
body parts.

They can reach 8
metres long.

Nematodes

Nematodes are worms with a
than in .

body that is thinner at

Most of them live in or ground, but there are some
too.

One example are the intestinal worms.



What should you do in order to prevent getting them:

- Wash your hands before eating anything.
- Wash your hands after going to the toilet.
- Wash your hands after touching your pets.
- Wash your hands after playing with sand or dirty toys.

Anyway it is not very common in Spain.



Annelids

Drag the correct option to the gap and drop it there.

Annelids are made up of a series of equal _____, called matameres, that's the reason why they are metameric. In each segment some _____ are repeated, such as the _____ organs.

Most annelids are _____ (such as the sandworm), but the most well known, the earthworm, is _____.

What are earthworms like?

Their body is long and has short structures, called _____, over it. They use them to _____.

They usually create _____ in the ground swallowing the soil. They remove the microorganisms and the plant remains, they feed on them and expel the rest. This aerates and enriches the _____.

They are hermaphrodites and perform _____ . They breathe through their skin, but it should always be kept _____.

organs	moist
segments	terrestrial
cutaneous respiration	
aquatic	move
setae	tunnels
soil	excretory

