

Phylum Platyhelminthes (Planarian) and Phylum Nematoda (Vinegar Eel)

7th Grade Life Science

Classification

Planarian

Kingdom Animalia

Phylum Platyhelminthes

Class Tubellaria

Order Tricladida

Family Planariidae

Girardia tigrina

Vinegar Eels

Kingdom Animalia

Phylum Nematoda

Class Secernentea

Order Rhabditida

Family Panagrolaimidae

Turbatrix aceti

Planarian and Vinegar Eels

- Planarian
- Phylum Platyhelminthes
- Vinegar Eels
- Phylum Nematoda



Experiments



- Planarian

1. How does the planarian respond to touch?

- IV= No touching vs. Touching
- DV= Response of planarian

2. How does the planarian respond to light?

- IV= Light vs no light
- DV= Movement/response of planarian

- Vinegar Eel

- Observe and compare to planarians

Planarian Movement

- Go to the following link to observe the movement of the Planarian
- <http://www.youtube.com/watch?v=M4sVqfSbs4M>

Vinegar Eel Movement

- Go to the following link to observe the movement of the Vinegar Eel
- http://www.youtube.com/watch?v=UnjwvtFvy_eQ