

## SO – HW assignment till STATES

**DUE: weekly till 4/8/2026**

**HW must be emailed to: [mscabanscience@gmail.com](mailto:mscabanscience@gmail.com)**



### Instructions:

1. You are **REQUIRED** to complete two tests from your events per week.  
Example: if you have 3 events, you must submit 6 practice tests
2. IF you have already EXHAUSTED all the resources where the exams can be found you **MUST** create your own exam with 15 questions and answer key.
3. You have entire week to work on the HW assignment, the assignment is due on the last day of the week you see me (Thursday or Friday)
4. REMINDER – the weekly trackers are not in place – we are completing MONTHLY Tracker (posted on Archie), **due on 4/6/2026**
5. If you want your exams to be printed and ready for each class, create a PDF document, download all the tests on a USB drive and give it to me, or send me ALL the exams you want in ONE email. This **MUST** be completed by Sunday 4/15/2026, otherwise you need to print your own exams and have them ready for each class.

### **GO OWLS and let's get ready for the STATES!**

**Gamma Team:** choose ONE event from the next year's list and start exploring the rules, past years' exams, and such. Your best sources:

[https://scioly.org/wiki/Main\\_Page](https://scioly.org/wiki/Main_Page)

<https://soinc.org/>

Your progress will be checked weekly (Friday)

# Back to Basics EXAMS – assignment for Alpha, Beta and Gamma

**DUE Dates:**

**Alpha and Beta 3/17/2026**

**Gamma 3/27/2026**

**Each student is to create One Exam from the Scioly Wiki Theory page.**

**SC:OLY**  
ORG

FORUMS WIKI TEST EXCHANGE

Wiki - Scioly.org

Search Wiki - Scioly.org

## Anatomy/Nervous System

Page Discussion Read View source View history Tools

The **nervous system** is a focus topic of the event *Anatomy and Physiology*. It ran in the 2022 season, and was previously a topic in 2017, 2014 and 2013. The nervous system consists of your brain and all the nerves throughout your body. It is responsible for regulating the body's response to external and internal stimuli. It can be divided into the central and peripheral nervous systems. The central nervous system or CNS includes the brain, cranial nerves, and the spinal cord; the peripheral nervous system or PNS, includes all nerves outside of the spinal region.

### Parts of the Nervous System

As stated above, the nervous system consists of the central nervous system (CNS) and the peripheral nervous system (PNS).

#### Central Nervous System

Consists of the Brain and Spinal Cord.

- Parts of the Brain - view below
- Organization of the Spinal Cord- below

#### Peripheral Nervous System

Nerves and ganglia not including the CNS.

Split into afferent and efferent nervous systems:

- afferent - sensory
- efferent - motor.

The efferent nervous system is split into the autonomic and somatic nervous systems.

- **autonomic** - controlled by the subconscious. Happens "auto"matically. Can control all types of muscle.
- **somatic** - controlled by the conscious brain. Always effects skeletal muscle.

The autonomic nervous system is split into the sympathetic and parasympathetic nervous systems.

- **sympathetic** - "fight or flight" response. Responds in times of stress.

A diagram of the breakdown of the Peripheral Nervous

- 1. Go to Scioly Wiki of your event ex. Anatomy**
- 2. Read the entire theory page**
- 3. Create an exam that consists of**
  - **15 MCQ with 4 options**
  - **5 Free-respond questions**
  - **Exam must contain 1 graph, table or chart with at least one question attached to it**
  - **Include pictures or diagrams to label**
  - **IF the event requires IDENTIFICATION, include 10 IDs**
- 4. ONCE DONE – print and bring it to class on a Due Date**
- 5. Create an Answer Key for your exam, DON'T print it**

## 2027 Events



# Science Olympiad Virtual Bootcamp

July 7 - 9, 2026

## Live Program Schedule

All times listed are Central Time.

Time	Date		
	Tuesday July 7th	Wednesday July 8th	Thursday July 9th
9:30 - 10:00 AM	Welcome & Networking	Welcome & Networking	Welcome & Networking
10:00 - 10:30 AM	<b>Thermodynamics (B/C)</b>	<b>Botany (B/C)</b>	<b>Ping Pong Parachute (B/C)</b>
10:30 - 11:00 AM	Water Quality (B/C) <b>Roller Coaster (B)</b> Forensics (C)	Circuit Lab (B/C) <b>Glider (B)</b> Chemistry Lab (C)	Dynamic Planet (B/C) <b>Food Science (B)</b> Remote Sensing (C)
11:00 - 11:30 AM	Anatomy & Physiology (B/C)	Rocks & Minerals (B/C)	Hovercraft (B/C)
11:30 - 12:00 PM	Codebusters (B/C) Scrambler (B) Engineering CAD (C)	Disease Detectives (B/C) Remote Sensing (B) Designer Genes (C)	BooMilever (B/C) Heredity (B) Electric Vehicle (C)
12:00 - 12:30 PM	Break	Break	Break
12:30 - 1:00 PM	Meteorology (B) Astronomy (C) <b>Mission Possible (C)</b>	Experimental Design (B/C) Solar System (B) <b>Protein Modeling (C)</b>	Crime Busters (B) Write It Do It (B) <b>Wright Stuff (C)</b>
1:00 - 2:00 PM	Breakouts & Follow-Ups	Breakouts & Follow-Ups	Breakouts & Follow-Ups

**Bold Text** = New events