

## Portsmouth Christian Academy -Upper School Supply List 2020/21

For each class, all students should have pens, pencils, erasers, a notebook, a 3 ring binder, loose-leaf paper, and a folder. Students will be using One Drive for their documents. **New students should also have a key chain for their key fob that they will receive on the first day of school.**

Below, please find a list of the classes that have special requirements.

**AP Chemistry:** graphing calculator, a device such as a tablet, laptop, or phone to use during lab periods for data collection in an electronic lab notebook.

**Chemistry and Honors Chemistry:** bound composition book –needed on the 1<sup>st</sup> day of school (7 ½ x 9 ¾ inches, not spiral bound) for labs, scientific calculator (not on cell phone).

**Conceptual Physics:** bound composition book to use for labs, a calculator (not on cell phone).

**Honors Biology:** bound composition book (7 ½ x 9 ¾ inches, not spiral bound) for labs, needed 1st day of school.

**Biology:** 50 cents for a teacher-provided lab notebook

**Honors Anatomy and Physiology:** sketch book, box of colored pencils, plus 50 cents for a teacher-provided lab notebook.

**Marine Science:** 50 cents for a teacher-provided lab notebook. Students will be expected to wear winter boots, coat, hat, and gloves on cold-weather outside days.

**Botany and Zoology:** 50 cents for a teacher-provided lab notebook. Students will be expected to wear winter boots, coat, hat, and gloves on cold-weather outside days.

**AP Biology:** a sketch book and box of colored pencils, plus 50 cents for a teacher-provided lab notebook. Check the College Board AP Biology information site for acceptable calculators, device such as a tablet, laptop, or phone to use during lab periods for data collection in an electronic lab notebook.

**Robotics:** Engineering notebook with pre-numbered pages (not spiral bound).

**Computer Programming & Software Engineering:** You will need a gmail account to access the resources.

**Drawing:** Drawing pencil set with at least 4B, 2B, HB, and 2H pencils, 2 erasers – kneaded or Art Gum are best – NOT PINK PEARL, blending sticks, 2 fine point black markers – Sakura, Micron or permanent Pilot are best. 9x12 sketch book, and a materials box.

**Painting:** Multi-purpose brush set, paint palette knife, acrylic paint (at least 4oz tubes of red, yellow, blue, black, and white), watercolor painting pad (approx. 9 x 12), and a materials box.

**English Language Learners:** 200 3" x 5" notecards

**Mandarin classes:** A sturdy 3-ring binder, 5 tab index for binder, & 3x5 index cards.

**All Spanish classes:** : a binder, 5 tab organizer, filler paper, a set of at least 10 markers or colored pencils, 1 dry erase marker, and a separate single subject notebook to be left in class.

**AP Spanish:** purchase the AP Barron's AP Spanish Language Textbook, headphones with a microphone with a USB connector.

**Early US History, Honors Early US History, World War II/Cold War:** 3-ring binder (not spiral notebook), choice of pens/pencil for note-taking, and highlighter for finals review. WWII History students should procure an individual copy of Laura Hillenbrand's *Unbroken: A World War II Story of Survival, Resilience, and Redemption*. New York: Random House, 2010. This will be the subject of a student book review in the fall.

**Civics, World History, A.P. Government:** a notebook dedicated to Civics or World History only (student's choice- composition book, 3-ring binder, spiral notebook). A pack of loose-leaf paper and a folder for returned tests.

**AP Government:** Students should purchase AMSCO Advanced Placement *United States Government and Politics* by David Wolfford, 2019. (can be purchased on Amazon)

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**Geometry:** Dedicated notebook, ruler, compass (be careful because the cheapest ones often do not work well), protractor, and calculator with square root and trig functions (TI-30X, or equivalent) -NOT cell phone.

**Algebra 1:** Dedicated notebook, calculator with square root and trig functions (TI-30X, or equivalent) -NOT cell phone.

**Algebra II/Algebra II Honors:** Dedicated notebook, graphing calculator required (TI-84, TI-89, or TI-Nspire) - NOT cell phone.

**Pre-Calculus/Honors Pre-calc/Honors Calc/AP Calc:** Dedicated notebook, graphing calculator required (TI-84, TI-89, or TI-Nspire) -NOT cell phone.

**Statistics:** Dedicated notebook, graphing calculator required (TI-84, TI-89, or TI-Nspire) -NOT cell phone.

**Applied Topics in College Math:** Dedicated notebook, scientific calculator required (TI-84, TI-89, or TI-Nspire recommended but optional) -NOT cell phone.

**Old Testament:** a 3-ring binder, a New International Version (NIV) Study Bible published between 1984-2010, or ESV Study Bible (English Standard Version). Students may have either a study Bible or not. I do not allow Bibles on phones; please bring a paper Bible to class every day.

**New Testament:** a folder to keep tests and projects when returned; a NIV (New International Version) Bible or New Testament published between 1984-2010, or the English Standard Version (ESV). Students may have either a study Bible or not. I do not allow Bibles on phones; please bring a paper Bible to class every day.

**Biblical Prophecy:** : a New International Version (NIV) Study Bible published between 1984-2010, or ESV Study Bible (English Standard Version). Students may have either a study Bible or not. I do not allow Bibles on phones; please bring a paper Bible to class every day.