### ALL PHS STUDENTS
- Paper
- Pens
- Pencils
- 3-ring binder with dividers or folders for daily use
- 3-ring binder with page protectors for Advisory

### ARTS
All Art Classes
- 8x11" sketch book with plain drawing paper spiral or bookbound binding, no tape binding

Ceramics:
- Single subject notebook
- $5 for clay

Design:
- Sketchbook as listed above

Drawing:
- Hand-held pencil sharpener

Painting:
- Large plate or cookie sheet (plain and non-breakable) for mixing and holding paint

### ENGLISH
- 70 page, 1 subject college-ruled spiral notebook
- Highlighters
- 1 package ruled 3x5 cards

### LIBRARY
- ID is always required to check out books(school ID or ASB card)
- Textbooks will be issued first week of school
- Thumb Drive

### MATH
Algebra 2, Pre-AP Algebra 2, Pre-Calculus, Math in Society, AP Statistics, and AP Calculus:
- TI 84 Plus or TI-84 Plus CE graphing calculator (Texas Instruments ONLY) REQUIRED

Algebra 1 and Geometry:
- Scientific calculator (any brand) REQUIRED

** See Calculator Requirements under General Information **

### MUSIC
Chorus and Choir:
- All: 3-ring 1½" black binder
- $10 robe fee

Concert Band/Symphonic Band:
- All: working instrument, pencils
- Clarinets, saxes, oboes, bassoons: many high quality reeds
- Euphoniums & Tubas: valve oil
- Horns: valve oil, straight mute
- Trombones: slide grease oil, straight mute
- Trumpets: valve oil, straight mute

Guitar:
- Guitar
- 3-ring ½" black binder

Jazz Band:
- Guitars: high quality ½ cord
- Percussion: brushes
- Trumpets/Trombones: plunger
d and Harmon mute

Orchestra:
- All: working instrument, violin, viola, cello, bass, double bass
- Uniform: white shirt, black pants, black shoes, black bow tie (boys only)
- Violins & Violas: shoulder rest required

Percussion:
- Drum Key
- Rubber mallets medium
- Snare sticks SD1s or comparable
- Stick bag
- Timpani sticks
- Yarn mallets medium
- (all above items are sold together in a set at most music stores)

Wind Ensemble:
- All: working instrument, pencils
- Clarinets, saxes, oboes, bassoons: many high quality reeds
- Euphoniums & Tubas: valve oil
- Horns: valve oil, straight mute
- Trombones: slide grease oil, straight mute
- Trumpets: valve oil, straight mute

### PHYSICAL EDUCATION
General PE:
- Athletic shoes
- LOCK for security
- Sweatshirt Outdoor Activities
- T-shirt & gym shorts/sweats
- Towel

Swimming:
- Swimsuit and goggles
- Towel
- Lock for security

### SCIENCE
Chemistry (All):
- Small metric ruler
- Calculator (not a "phone" or communication device)
- Regular No. 2 graphite and (-10) colored pencils

For Mrs. Paris (AP/Pre AP Chemistry)
- 100 pg College Ruled Comp Notebook

### SOCIAL STUDIES
AP US History, AP European History, AP Government:
- Large 3-ring binder to be kept in classroom

### WORLD LANGUAGES
French:
- Basic French/English dictionary

Japanese:
- 1" binder

Spanish:
- Basic Spanish/English dictionary
- Spiral notebook for O'Neill

Spanish and French:
- Workbooks will be issued to each student. If lost you must pay for a replacement – cost varies by language.
- We highly recommend either a separate section in your 3-ring binder, or a smaller binder for just this class.

All AP Students are required to take the AP Test.