

July 2023

Dear Parents/Guardians:

Welcome to the 2023-2024 school year at Clarence High School! I am looking forward to another exciting year of academics and activities!

It is critical to start the school year out right with all of the necessary materials and supplies. In preparation for a successful school year your teachers have carefully selected the appropriate supplies and materials necessary for success! In this document you will find the supplies and materials necessary for each class.

Please read through this carefully and start the school year fully prepared with the appropriate supplies and materials. If you have any questions, please call 407-9020. Enjoy your summer!

Sincerely,

Kenneth J. Smith  
High School Principal

## **Supply List**

### **2023-2024 School Year**

#### **Generic supplies:**

- Loose-leaf paper
- Spiral notebook
- Pens (black or blue)
- #2 pencils
- Highlighters
- Glue sticks
- 3 x 5 index cards
- Any TI-84 Graphing Calculator
- Earbuds (recommended for listening assignments)

**PLEASE BE ADVISED THAT PLANNERS WILL NOT BE DISTRIBUTED THIS YEAR.**

## **Art – Additional supplies required by course**

### **Studio in Art – Art Supplies**

**\*\*\*Please Check out Video on Schoology for what supplies look like and descriptions**

- Supply Box – shoe box – Plastic container  
(Example) Dollar Store - \$1.

- 3 round paint brushes (Smaller sizes #2, #6, #8, #10, #12)  
(Example) Folk Art Premium 5-piece set – Premium synthetic bristles – Walmart \$3.97

- Black fine-point Sharpie marker  
(Example – Sharpie 2 pack – Walmart \$1.84)

- Ruler 12”  
(Example – Fiskars Wooden 12” - Walmart \$0.25)

- Sketchbook 9” x 12” with sketch or drawing paper #50 - #90  
(Example – Canson XL Sketch #50 – Walmart \$5.79)

- Scissors  
(Example – Fiskars safety edge blades scissors – Walmart \$2.97)

- Pink Pearl eraser  
(Example – Pen+Gear easers 2 pack – Walmart \$0.47)

- Pencils  
(Example – Pen+Gear Wood Pencils No. 2 12 pack– Walmart \$0.47)

- Pencil Sharpener (small)  
(Example – Scribble Stuff 2-hole pencil sharpener – Walmart \$0.92)

- Colored Pencils 12 pack  
(Example – Crayola 12 pack – Walmart \$0.97)

- Watercolor set Oval 8 colors  
(Example – Crayola 8 oval pack – Walmart \$0.97)

- Crayons or Oil Pastels  
(Example – Crayola Crayons 24 pack – Walmart \$0.50)

- Glue Sticks 2 pack

(Example – Elmer’s School Glue Sticks 2 pack – Walmart \$0.50)

- White Glue (small bottle 4 oz.)

(Example – Elmer’s School Glue 4 oz. – Walmart \$0.50)

- Finesline Markers

(Example – Crayola Finesline Classic Markers 10pack – Walmart \$0.50)

\*Estimated cost of supplies – \$21.80

All supplies should fit inside the supply box (with closing top) – except Sketchbook. Supplies will be needed on a daily basis; students cannot share art supplies. We will be distributing some Art supplies for one-time individual student use.

Please feel free to contact me if there are questions or concerns.

George Gilham ( [ggilham@clarenceschools.org](mailto:ggilham@clarenceschools.org) )

## **Digital Drawing and Illustration - Art Supplies**

**No supplies needed.**

Clarence High School will supply you with an iPad and Apple pencil for use throughout the semester. You will be responsible for the charging and safe keeping of these units.

- You may use your own iPad and Apple Pencil for this class, but you will need to purchase and install the Procreate app. \$9.99 from the App Store

Please feel free to contact me if there are questions or concerns.

George Gilham ( [ggilham@clarenceschools.org](mailto:ggilham@clarenceschools.org) )

## **Advanced Placement Drawing - Art Supplies**

**\*\*\*Please Check out Video on Schoology for what supplies look like and descriptions.**

This supply list will be based on the student/artist preference of material.

Buy economy quality materials to keep cost down, unless it’s a material you like to work with. Example: Buy Crayola Colored Pencils (if you don’t think you will use colored pencils that much. Buy Prismacolor if colored pencils are your thing). We will be working for the first month in our sketchbooks with a lot of different materials. Once you start your sustain investigation series, you might use the same material over and over. This is

when you might want higher quality materials. You won't need to bring all these supplies to school each day.

- Drawing board with Clip 18"x24"  
(all students will need their own drawing board)
- Drawing Journal/Sketchbook 9" x 12" – Mixed media preferred
- Supply Box/Shoe box/Plastic container with top  
(hold art supplies to travel to school)
- Glue Sticks
- Scissors
- Roll of Masking Tape
- Pencils or Drawing pencils (8H-6B)
- Small Pencil Sharpener
- Blending tortillions
- White charcoal pencils
- Kneaded eraser or Pink pearl
- Charcoal pencils (6B-2B)
- Ruler
- Black fine-point Sharpie marker
- Chalk pastels or Oil pastels
- Colored pencils
- Watercolor paint and brushes
- Oil or Acrylic paints and brushes
- Canvas – (if needed)

Other supplies will be needed through-out the school year based on materials used.

It is the nature of art classes to require more supplies than the average course. Students cannot share art supplies this year. We will be distributing some Art supplies for one-time individual student use. Please feel free to contact me if there are questions or concerns. I can suggest brands of supplies to buy or difference in quality vs cost  
George Gilham ( [ggilham@clarenceschools.org](mailto:ggilham@clarenceschools.org) )

## **Drawing & Painting 1 - Art Supplies**

Buy economy quality materials to keep cost down, unless it's a material you like to work with. Example: Buy Crayola Colored Pencils (if you don't think you will use colored pencils that much. Buy Prismacolor if colored pencils are your thing). You are welcome to reuse any of the supplies you already have from other art classes. You won't need to bring all these supplies to school each day.

- Drawing board with Clip or Masonite 18"x24"  
(all students will need their own drawing board)
- Drawing Journal/Sketchbook 9" x 12"– Mixed media preferred  
(students are welcome to continue to use a sketchbook that they already have)
- Supply Box/Shoe box/Plastic container with top  
(hold art supplies to travel to school)
- Drawing Pencils - Set (6H-6B)
- Small Pencil Sharpener
- Blending Tortillions
- Kneaded Eraser
- Charcoal pencils - Set - typically comes with a Whit Charcoal Pencil (6B-2B)
- Ruler
- Colored pencils
- 1 Roll of Masking Tape
- Black fine-point Sharpie marker
- Colored Pencils

· Watercolor Paint Set and Paint Brushes - *A small set can be purchased such as: Folk Art Premium Synthetic Set - Walmart. Do include a variety of sizes including a detail brush - size #2 or smaller, #6, #8, #10, #12*

· Acrylic paints/optional - Acrylic paint can be supplied for a one-time use

· Canvas – (if preferred over paper) size will be determined based on the project

Other supplies may be needed through-out the school year based on materials used.

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Maribeth Rice-Gaiser ( [mrice-gaiser@clarenceschools.org](mailto:mrice-gaiser@clarenceschools.org) )

## **Drawing & Painting 2- Art Supplies**

This supply list will be based on the student/artist preference of material. Buy economy quality materials to keep cost down, unless it's a material you like to work with.

Example: Buy Crayola Colored Pencils (if you don't think you will use colored pencils that much. Buy Prismacolor if colored pencils are your thing). We will be working for the first month in our sketchbooks with many different materials. You may find that you will want to use the same material over and over. This is when you might want higher quality materials. You won't need to bring all these supplies to school each day.

· Drawing board with Clip or Masonite 18"x24"  
(all students will need their own drawing board)

· Drawing Journal/Sketchbook 9" x 12"– Mixed media preferred  
(students are welcome to continue to use a sketchbook that they already have)

· Supply Box/Shoe box/Plastic container with top  
(hold art supplies to travel to school)

· Drawing Pencils - Set (6H-6B)

· Small Pencil Sharpener

· Blending tortillions

· White charcoal pencils

- Kneaded eraser or Pink pearl
- Charcoal Pencils - Set - (6B-2B) \*White charcoal pencil may be included in set
- Ruler
- 1 Roll of masking tape
- Black fine-point Sharpie marker
- Chalk pastels or Oil pastels / optional)
- Colored pencils
- Watercolor paint and paint brushes
- Oil Paints and brushes
- Acrylic paints/optional - Acrylic paint can be supplied for a one-time use
- Canvas – (if preferred over paper) size will be determined based on the project

Other supplies will be needed through-out the school year based on materials used.

It is the nature of art classes to require more supplies than the average course.

Students cannot share art supplies this year.

We will be distributing some Art supplies for one-time individual student use.

Please feel free to contact me if there are questions or concerns.

I can suggest brands of supplies to buy or difference in quality vs cost

Maribeth Rice-Gaiser ( [mrice-gaiser@clarenceschools.org](mailto:mrice-gaiser@clarenceschools.org) )

## **Studio in Crafts 1- Art Supplies**

- 2 Gallon Ziploc Bags
- Shoe Box size plastic tote with lid
- 3 paint brushes (small/medium/large ie. Sizes 2-10)
- 2 Sharpie markers – Fine point and Extra fine point)
- Colored pencils (12 pack or higher)
- Elmers glue (4oz.)
- 8x10 Acrylic Sheet (Purchased at Home Depot or Lowe's – 8x10 is about \$3.88) NO GLASS!  
Feel it before you buy it to make sure it is soft and bendable (they can get hard from sitting on the shelf).
- Skeen of yarn (no size, but make sure it isn't super thin)
- Scissors
- Masking tape
- 5 Glue sticks
- Sketchbook (8x10, 9x12 or bigger) – if you have one from last year, please use this as we will not need all of the pages

- Optional: 3 Prong Folder (for students that would like printed notes)- All Notes will be on Schoology, no paper handouts will be given unless requested.

Please feel free to contact us if there are any questions regarding this list:

Keri Graf ( [kgraf@clarenceschools.org](mailto:kgraf@clarenceschools.org) )

Maribeth Rice-Gaiser ( [mrice-gaiser@clarenceschools.org](mailto:mrice-gaiser@clarenceschools.org) )

## **Studio in Photography**

- Digital Camera (10MP or higher)
- SD Card (at least 8GB)
- SD Card Reader
- A Flash/Jump Drive
- Journal – Choose the size you want: 8"x10" or 9"x12"
- Scissors
- 5 Glue Sticks (please replenish as needed)
- #2 Pencils (please replenish as needed)
- Gel Pens, Colored Pencils or Colored Pens (optional) – to write inside journals

\*\*Students will be responsible for having their photo projects commercially processed and matted in time for due dates.

\*\*Any student who may have financial difficulty with the supply list should have a parent/guardian contact the Art Department.

Please feel free to contact us if there are questions or concerns.

We can suggest brands of supplies to buy or difference in quality vs cost

Keri Graf ( [kgraf@clarenceschools.org](mailto:kgraf@clarenceschools.org) )

Maribeth Rice-Gaiser ( [mrice-gaiser@clarenceschools.org](mailto:mrice-gaiser@clarenceschools.org) )



# Advanced Photography

You will need the following supplies for this class:

- Folder with prongs
- LightMeter App – by David Quiles
- Small sketchbook: 5x7 – 9x12 (to be used as your journal- you can use the one from Intro. Photo if you still have it and there is enough room in it.)
- Tripod (optional, but encouraged)
- Access to a digital & film camera – No disposable cameras!
- SD card
- Batteries (for your film camera)
- 2 Glue sticks
- Google Drive Account (mandatory that you use this)
- Flash Drive

## \$35 Lab Fee:

There is an additional lab fee for this class that will be used towards purchasing specific photographic supplies for each student. Each student will receive his/her own package of the following supplies:

- Darkroom paper – Ilford Multigrade MIGIV RC Deluxe 5x7/25 sheets Glossy - \$16.52
- 2 Rolls of Film – Kodak TMAX 100 ISO – 24 exp - \$7.99 ea.
- Negative Sleeves
- Mat Board

Supplies are ordered through B & H Photography.

\*\*Any student that wishes to purchase their supplies may do so, please be sure to purchase the correct film & paper type as not all are suitable with the darkroom chemicals available.

## Business—Additional supplies required by course:

**Personal and Business Law I /College Business Law**—10 tab dividers, 2 in. 3-ring binder, 1 comp. notebook, flash drive.

**Microsoft Office**—1 flash drive.

**Accounting and Business Dynamics**—2in. 3-ring binder, 10 tab dividers, ruler.

**Career and Financial Management**—1 flash drive.

**Entrepreneurship**- a folder or binder, lined paper, pen, pencil, highlighter, and glue stick.

**Introduction to Business** – a folder or binder, lined paper, pen, pencil, highlighter, and glue stick.

**Architecture**- a folder or binder, lined paper, pen, pencil, highlighter, and glue stick.

**Clothing and Textile**- a folder or binder, lined paper, pen, pencil, highlighter, and glue stick, one pack of the following- needles, thread, yarn - Heavy

**Business Ethics**- a folder.

## **English**

**English 10** – Wired headphones/earbuds recommended (compatible with Chromebooks, see below for example item)

[https://www.amazon.com/AmazonBasics-Ear-Headphones-Mic-Black/dp/Bo7HH1QSLB/ref=sr\\_1\\_1\\_sspa?crd=31FSAYPKLGI5H&keywords=wired%2B+earbuds&qid=1655469143&sprefix=wired%2B%2Caps%2C187&sr=8-1-spons&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEExQjdKMzVHQRJMDBBJmVuY3J5cHRlZElkPUEwMDAzMzAyMkRSMkpHMEpHWlFQSZlbnNyeXBoZWZRBZElkPUEwODgyMDIzMjdRUVEwMDNPTTdcQiZ3aWRnZXROYW1lPjNwX2FoZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkbo5vdExvZ0NsaWNrPXRydWU&th=1](https://www.amazon.com/AmazonBasics-Ear-Headphones-Mic-Black/dp/Bo7HH1QSLB/ref=sr_1_1_sspa?crd=31FSAYPKLGI5H&keywords=wired%2B+earbuds&qid=1655469143&sprefix=wired%2B%2Caps%2C187&sr=8-1-spons&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEExQjdKMzVHQRJMDBBJmVuY3J5cHRlZElkPUEwMDAzMzAyMkRSMkpHMEpHWlFQSZlbnNyeXBoZWZRBZElkPUEwODgyMDIzMjdRUVEwMDNPTTdcQiZ3aWRnZXROYW1lPjNwX2FoZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkbo5vdExvZ0NsaWNrPXRydWU&th=1)

## **World Languages (LOTE) – Additional supplies required by course:**

**Latin 2R**—3-ring binder, 3 pks. 3x5 cards, 2 pocket folder, 4 dividers

**Latin 3R**—100 3x5 cards, notebook

**Latin 4H**—100 3x5 cards, notebook

**AP Latin**—copy of Fagles’ Aeneid, notebook

**French 2R**—3 prong 2 pocket folder, red pen

**French 3R**—1” 3-ring binder, loose-leaf paper, dry erase markers, highlighter

**French 4H** – 3 prong 2 pocket folder, 100 5 x 8 index cards, red pen

**French 5H**—3 prong 2 pocket folder, red pen

**Spanish 1**—1½” 3-ring binder, pocket folder or insert

**Spanish 2R**—Pocket folder or pocket insert, red pen, dry erase markers

**Spanish 3R**— 1” 3-ring binder, loose-leaf paper, dry-erase markers, highlighter

**Spanish 4R**—3-ring binder or organization folder

**Spanish 4 Honors**—3 prong folder

**AP Spanish**— prong folder

## **Math – Additional supplies required by course:**

**Applied Math**— 4 function calculator (not graphing), 3" 3-ring binder, 5 clear plastic sheet protectors

**Algebra 1**—Notebook, 3-ring binder, ¼ in graph paper, ruler, red pen

**Geometry** – Notebook, 3-ring binder, compass, ruler, red pen, ¼ in graph paper

**Algebra 2/Trig** — 3-ring binder or folder, notebook (at least 150 pg.) , ¼ in Graph paper, ruler/straight edge, red pen

**ALL OTHER MATH COURSES** - See Generic List

## **Music – Additional supplies required by course:**

**AP Music Theory** - 8 ½" x 11" spiral notebook of staff paper

## **Science – Additional supplies required by course:**

### **Regents Biology:**

- charged chrome book
- earbuds/headphones that work with chrome book
- paper
- pens/pencils
- colored pencils
- highlighter
- glue stick
- scissors
- folder
- 4 function non-graphing calculator

### **Human Anatomy and Physiology:**

- charged chrome book
- earbuds/headphones that work with chrome book
- paper
- pens/pencils
- colored pencils
- highlighter
- folder

## **Social Studies – Additional supplies required by course:**

**Global I**—Generic List Only

**Global II**—Review Book will be purchased by the student, through the high school, in the spring

**US History**—Regents review book (will be purchased by the student through the high school in the Spring)

**American Military History** - Capacitive Stylus for Touch Screen Devices (cost: under \$10 per stylus)

Ex link: [https://www.amazon.com/MEKO-Universal-Precision-Capacitive-Replacement/dp/B00N1BRWLA/ref=pd\\_cp\\_147\\_1?pd\\_rd\\_w=QuUEj&pf\\_rd\\_p=ef4dc990-a9ca-4945-ae0b-f8d549198ed6&pf\\_rd\\_r=RXGF58VADB7ZQ0VN4ZSP&pd\\_rd\\_r=5bc1d467-9817-11e9-8a6c-e34c2ae4bc12&pd\\_rd\\_wg=v3jmR&pd\\_rd\\_i=B00N1BRWLA&psc=1&refRID=RXGF58VADB7ZQ0VN4ZSP](https://www.amazon.com/MEKO-Universal-Precision-Capacitive-Replacement/dp/B00N1BRWLA/ref=pd_cp_147_1?pd_rd_w=QuUEj&pf_rd_p=ef4dc990-a9ca-4945-ae0b-f8d549198ed6&pf_rd_r=RXGF58VADB7ZQ0VN4ZSP&pd_rd_r=5bc1d467-9817-11e9-8a6c-e34c2ae4bc12&pd_rd_wg=v3jmR&pd_rd_i=B00N1BRWLA&psc=1&refRID=RXGF58VADB7ZQ0VN4ZSP)

**Government**—Generic list only

**AP European**— Summer work, a folder, and a spiral or composition notebook

**AP World**—Summer packet and the book, A History of the World in Six Glasses (Standage), (2) 100 3x5 cards and AP review book

**AP US History**—AP Review Book

**AP Govt.**—AP Review Book

**AP Geography**—Atlas

**AP Psychology**—Generic list only

**AP Macroeconomics**— a small set of thin, multi-color, dry-erase markers

**Public Affairs (SUPA)**—Generic list only

**Sociology (SUPA)**—Generic list only

**The 1960's**—Generic list only

**The Holocaust**—Generic list only

**Sociology**—Generic list only

**Psychology**—Generic list only

## **Technology – Additional supplies required by course:**

**Civil Engineering/Architecture\*** - 2-pocket folder

**Computer Integrated Manufacturing\*** - Clear safety glasses, 2-pocket folder

**Digital Electronics\*** - Notebook or binder for maintaining notes

**Engineering Design\*** - Clear safety glasses

**Engineering Design/Development\*** - Clear safety glasses

**Principles of Engineering\*** - Clear safety glasses

**Robotics\*** - N/A

**Production Systems in Wood\*** - Clear safety glasses

**Wood II\*** - Clear safety glasses

**Metals\*** - Clear safety glasses

**Materials Processing\*** - Clear safety glasses

**\*A computer mouse is recommended for use on Chrome books for all Technology Education/PLTW classes.**

