

**The Dayton Regional STEM School**  
**6<sup>th</sup> Grade School Supplies**

INDIVIDUAL SUPPLIES - Kept by student for personal use throughout the year

- Accordion Folder w/ at least 8 sections
- 4 highlighters – yellow, pink, orange, blue
- Pencil sharpener (Non-electric)
- 24 pencils
- 2 black sharpies
- Scissors
- 1 Pink eraser or 5 eraser tops
- 1 Glue stick
- Toolkit - pencil pouch (labeled with first and last name)
- 12 colored pencils
- 3 composition notebooks (lined)
- Clear re-useable water bottle (labeled with first and last name)
- 1 green 2 pocket folder with prongs
- Ear buds or headphones (auxiliary plug, USB, or BlueTooth are fine)
- Neoprene Laptop sleeve (13.3" by 9.3") - Recommended

**NOTE:** Students may be asked to purchase a literature circle book at some point during the year. Please budget around \$12 that may be requested at some point in the year. This will be communicated by your ELA teacher if/when necessary.

COMMUNITY SUPPLIES - Collected from students and divided for general classroom use throughout the year

- Clorox wipes
- Hand sanitizer (Last Name A - K)
- Tissues - 1 box (Last Name L – Z)
- 1 pack of 3x3 inch Post-it notes (any color)

## The Dayton Regional STEM School

### 7<sup>th</sup> Grade School Supplies

INDIVIDUAL ITEMS – Kept by student for personal use throughout the year

- One 3-inch binder with clear front sleeve cover
- 8 plastic binder tab dividers with pockets (see “Avery 8-Tab Plastic Binder Dividers with Pockets” on Amazon for example)
- Agenda / Assignment Book - Students must record their homework every night. They may use their computers (Schoology calendar or Sticky Notes program) to record homework or a paper agenda/assignment book. If purchasing a paper book, we recommend a 8”x10” size that includes large boxes for each day in a weekly view style. Students should not choose a calendar showing only a monthly view, as this will not provide enough space for writing down daily assignments.
- 1 pack lined paper (kept in back of binder)
- USB flash drive for schoolwork only
- Clear reusable, sealable, water bottle (NO glass)

RECOMMENDED TECHNOLOGY ITEMS

- TI 30XIIS calculator (only needed if handheld calculator is preferred over online calculator)
- USB plug in computer mouse
- Protective sleeve for laptop
  - NOT a laptop bag with pockets and a strap – just a protective, soft, Neoprene sleeve that can be slid into a backpack
  - Laptop has approximately a 14-15” screen
  - Students can wait until they are given their laptop to purchase this item for sizing purposes

PERSONAL TOOLKIT ITEMS – Students should label all toolkit items with their name

- Sturdy pencil pouch / box that fits all the following:
  - 12 assorted colored pencils
  - scissors
  - pencils and erasers
  - blue or black pen(s)
  - a red pen
  - highlighter(s)
  - glue stick
  - earbuds with auxiliary jack (no Bluetooth)

COMMUNITY ITEMS – Collected from students and divided for general classroom use throughout the year

- 1 box of tissues
- 1 container of Clorox cleaning wipes

## The Dayton Regional STEM School

### 8th Grade School Supplies

INDIVIDUAL SUPPLIES - Kept by student for personal use throughout the year

- Sturdy pencil bag/pouch
- 2 fine tip Sharpies
- 2 highlighters
- 1 pair of scissors
- Glue stick
- 1 ruler/straight edge (at least 6" with inches and centimeters (can be a protractor)
- Pencils
- Erasers
- Red Pens
- Blue or Black Pens
- 12 pack of colored pencils
- 2 Expo dry-erase markers (black or blue only)
- 2 composition notebooks, sewn pages
- 2, 2-pocket folders with prongs
- 1 binder, 1.5"
- 2 binders, any size
- 12 dividers
- 2 packs loose-leaf paper
- 1 pack graph paper
- Earbuds (with standard headphone jack, not wireless/Bluetooth)
- Laptop case – NOT built-in to backpack (14" min.)
- Flash Drive-Recommended 8 GB Min
- 1 clear, reusable, sealable water bottle (no glass)
- 1 calculator (OPTIONAL, not required)
  - Math 8: scientific calculator – can be the same calculator you used in 7th grade
  - Algebra: graphing calculator – TI-84 Plus (also acceptable: TI-83 Plus, TI-84 Plus Silver Edition, TI-84 Plus CE). Other brands/types of calculators cannot be supported in class.

COMMUNITY ITEMS – Collected from students and divided for general classroom use throughout the year

- 2 boxes of tissues
- 1 roll of SCOTCH tape REFILL (no dispenser)
- 1 container of Clorox cleaning wipes
- 1 pack of Post-its
- 1 pack of ruled index cards

## The Dayton Regional STEM School

### 9th Grade School Supplies

COMMUNITY ITEMS – Collected from students and divided for general classroom use throughout the year

- 2 boxes of tissues
- Bottle of hand sanitizer
- Container of Clorox wipes

INDIVIDUAL GENERAL SUPPLIES - Kept by student for personal use in all classes throughout the year

- loose leaf paper (college rule)
- #2 pencils
- Eraser
- Personal pencil sharpener
- pens (black or dark blue AND red)
- highlighters (yellow, pink, and orange)
- Black permanent marker
- Dry Eraser markers-dark colors w/eraser or cloth
- 12-in ruler with both inches & centimeters, transparent plastic
- Scotch tape
- Scissors
- Portable hole puncher
- 1 computer mouse with left and right buttons and scroll wheel
- Headphones or earbuds
- Scientific calculator (graphing calculator optional)
- Post-it notes - 6 or 8 pack – square
- Glue stick

INDIVIDUAL COURSE SUPPLIES:

#### ALGEBRA

- binder (1-inch or larger, any color)
- 8 dividers/tabs for binder
- 1 pack of graph paper
- 1 notebook or composition book (preferably with graph paper, but not required)

#### ART I

- Please visit the link for a list of art supplies. You may already have some of these items so no need to purchase if you do. Also, feel free to acquire items from other places if you wish. You should have some sort of carry case for your personal items. Anyone needing help acquiring items should please email Ms. Montgomery directly. <https://www.dickblick.com/lists/wishlist/R35H7P11LBJ22/publicview/>

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## 9<sup>th</sup> Grade Supplies Continued...

### US HISTORY

- A BLUE college-ruled spiral notebook and two-pocket folder OR 1 BLUE 1-inch 3-ring binder (with college-ruled paper)
- 1 USB flash drive, 16 GB or larger
- Pack of 12 colored pencils (second semester)

### CHINESE

- GREEN 1" 3-ring binder
- 1 two-pocket folder with three holes (for binder)
- 5 dividers for binder (1 set)
- One black dry Eraser markers

### LANGUAGE ARTS

- RED 1-inch, 3-ring binder
- 5-divider pack for binder (1 set)
- 1 Two-pocket folder with three holes (for binder)
- A used or new paperback or hardback copy of the book - The Case for Space: How the Revolution in Spaceflight Opens Up a Future of Limitless Possibility by Robert Zubrin. (No e-books)
  - o Amazon: [https://www.amazon.com/Case-Space-Revolution-Spaceflight-Possibility/dp/1633885348/ref=sr\\_1\\_1?dchild=1&keywords=the+case+for+space&qid=1621713082&sr=8-1](https://www.amazon.com/Case-Space-Revolution-Spaceflight-Possibility/dp/1633885348/ref=sr_1_1?dchild=1&keywords=the+case+for+space&qid=1621713082&sr=8-1)
  - o Walmart: <https://www.walmart.com/ip/The-Case-for-Space-How-the-Revolution-in-Spaceflight-Opens-Up-a-Future-of-Limitless-Possibility-Hardcover-9781633885349/206723722>
  - o Target: <https://www.target.com/p/the-case-for-space-by-robert-zubrin-hardcover/-/A-76469327#lnk=sametab>
  - o Barnes & Noble: <https://www.barnesandnoble.com/w/the-case-for-space-robert-zubrin/1129556658?ean=9781633885349>

### GEOMETRY

- 1 bow compass
- 1 protractor

### ENGINEERING SCIENCE

- NON-ring bound composition notebook
- 1 package of 10 #2 pencils
- Extra glue stick
- Plastic or reinforced paper folder for storing handouts and graded work
- HONORS ONLY – Extra composition notebook

## The Dayton Regional STEM School

### 10th Grade School Supplies

COMMUNITY ITEMS – Collected from students and divided for general classroom use throughout the year

- 2 boxes of tissues
- 1 bottle of hand sanitizer (8 oz or larger)
- 2 containers of disinfecting wipes

INDIVIDUAL GENERAL SUPPLIES - Kept by student for personal use in all classes throughout the year

- A pencil box or bag that fits in your backpack
- A daily planner that covers the school year (highly recommended)
- 2 packs of colored printer paper (any color)
- 2 black sharpie markers
- 2 highlighters (yellow and orange)
- 1 pack of colored pencils
- 1 pack of markers
- 1 pair of scissors
- pencils (mechanical pencils highly recommended)
- pens (black/blue and red)
- 2 glue sticks
- 2 pink erasers
- college-ruled loose leaf paper
- 12" ruler with inches and centimeters
- Headphones or earbuds that fit 3.5mm jack
- 3 packs of standard-sized sticky notes

INDIVIDUAL COURSE SUPPLIES:

#### BIOLOGY

- 1.5 inch binder with dividers
- Composition Notebook
- HONORS ONLY - additional composition notebook and a tri-fold presentation board for science fair

#### CHINESE 2

- 1.5 inch binder with dividers
- 2 black markers
- 2 red pens
- 1 Mead 1 subject spiral wide ruled notebook
  - o the notebook cover color is determined by the class (Chinese 2=YELLOW, CCP 2 = GREEN).

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## 10<sup>th</sup> Grade Supplies Continued...

### HISTORY/ECON

- Notebook or loose-leaf paper
- Two pocket folder just for History/Econ

### LANGUAGE ARTS

- A folder
- 1" Binder (dividers are optional, but recommended)
- 1 spiral notebook or 1 pack of college-ruled notebook paper (preferred)
- 500 white 3x5 notecards, lined on one side

### MATH (Algebra 2)

- 1 graphing calculator, TI-84 (required)
- 1 composition notebook or Loose paper
- Loose graph paper
- 3 ring Binder

### MATH (Geometry)

- scientific calculator
- bow compass
- ruler

### WELLNESS & FITNESS

- clear reusable water bottle

### GAME DESIGN

- 1 USB flash drive, 16GB or larger
- 1 computer mouse with left and right buttons and scroll wheel (home use only)

The Dayton Regional STEM School  
2021 – 2022 Supply List

<b>11<sup>th</sup> / 12<sup>th</sup> Grade Supplies</b>	
<p><b>General Supplies</b></p> <ul style="list-style-type: none"> <li>• Loose Leaf Paper</li> <li>• Pencils</li> <li>• Pens (black or blue AND red)</li> <li>• Highlighters (yellow and orange)</li> </ul> <p><i>These items are for personal use and should be available at all times.</i></p>	<p><b>Community Items</b></p> <ul style="list-style-type: none"> <li>• 2 boxes of tissues</li> <li>• 1 container of disinfecting wipes</li> </ul> <p><i>These items will be collected and used by all students. (Please turn in to your first-period teacher).</i></p>
<p><b>Content Specific Supplies</b></p> <p><i>The items below are class specific. Students should bring these items to class on the first meeting day.</i></p>	
<p><b>Anatomy and Physiology</b></p> <ul style="list-style-type: none"> <li>• 1.5" Binder</li> <li>• dividers</li> <li>• loose leaf paper or spiral notebook for notes</li> <li>• colored pencils</li> <li>• 1 box Latex Free Gloves for dissections</li> </ul>	<p><b>Arts and Material Science</b></p> <ul style="list-style-type: none"> <li>• Composition notebook preferably with grid lines (NO perforated pages or spiral bound)</li> <li>• 1 copy of book Stuff matters: Exploring the Marvelous Materials that Shape Our Man-Made World</li> </ul>
<p><b>Calculus/AP Calculus</b></p> <ul style="list-style-type: none"> <li>• Pencils</li> <li>• Notebook paper in spiral notebook &amp; a folder OR 3-ring binder</li> <li>• Graphing calculator (not phone or computer; some version of TI-84)</li> <li>• Dry erase markers for whiteboard practice</li> </ul>	<p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>• 1 composition notebook (no perforated pages and no spiral bound)</li> <li>• 2x Refill rolls of scotch tape</li> </ul>
<p><b>Chinese CP3/Chinese 3/Chinese 4</b></p> <ul style="list-style-type: none"> <li>• 1 red pen</li> <li>• 1 black sharpie marker</li> <li>• 1 notebook with red cover (CCP3 only)</li> <li>• Black Dry Erase EXPO marker</li> <li>• 1 1.5" binder</li> </ul>	<p><b>Economics</b></p> <ul style="list-style-type: none"> <li>• Writing utensils</li> <li>• 3 ring binder</li> <li>• 5 dividers</li> <li>• Notebook paper or spiral notebook</li> <li>• Index cards</li> </ul>
<p><b>English 1100</b></p> <ul style="list-style-type: none"> <li>• Composition notebook/spiral notebook and folder OR</li> <li>• 3-ring binder with one or two dividers (no folder if using a binder)</li> <li>• Blue/black pens</li> <li>• At least 3 colors of highlighters</li> <li>• Earbuds/headphones</li> </ul>	<p><b>Government</b></p> <ul style="list-style-type: none"> <li>• Writing utensils</li> <li>• 3 ring binder</li> <li>• 5 dividers</li> <li>• Notebook paper or spiral notebook</li> <li>• Index cards</li> </ul>



<p><b>Modeling and Reasoning</b></p> <ul style="list-style-type: none"> <li>• 3-Ring Binder (minimum of 1")</li> <li>• Loose Leaf Paper OR Large Notebook</li> <li>• Dry erase markers for whiteboard practice</li> </ul>	<p><b>Physics</b></p> <ul style="list-style-type: none"> <li>• 3-Ring Binder OR folder with prongs</li> <li>• Loose Leaf Paper OR Large Notebook</li> <li>• Scientific or graphing calculator (not on phone or computer)</li> <li>• Ruler and Protractor</li> </ul>
<p><b>Pre-Calculus</b></p> <ul style="list-style-type: none"> <li>• Pencils</li> <li>• Notebook paper in spiral notebook OR 3-Ring Binder with loose leaf paper</li> <li>• Ti-84 Graphing calculator (not on phone or computer)</li> </ul>	<p><b>Senior English</b></p> <ul style="list-style-type: none"> <li>• Composition notebook</li> <li>• Notebook Paper</li> <li>• Pens (dark blue or black) or pencils</li> <li>• One red pen</li> <li>• Post-Its</li> <li>• Highlighter</li> </ul>
<p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>• 3-Ring Binder (minimum of 1")</li> <li>• Loose Leaf Paper OR Large Notebook</li> <li>• Dry erase markers for whiteboard practice</li> </ul>	<p><b>Technical Reading and Writing</b></p> <ul style="list-style-type: none"> <li>• 2" – 3" Binder and at least 3 dividers with Loose leaf college-ruled paper</li> </ul> <p>OR a 3 subject college ruled notebook and 2 pocket folder</p> <ul style="list-style-type: none"> <li>• 2 highlighters (yellow/orange)</li> <li>• Black/blue pens and/or pencils</li> </ul>
<p><b>Digital Electronics</b></p> <ul style="list-style-type: none"> <li>• 3-Ring Binder OR folder with prongs</li> <li>• Computer Mouse</li> <li>• Scientific or graphing calculator (not on phone or computer)</li> <li>• 2x Refill rolls of scotch tape</li> <li>• Blue or black pens</li> </ul>	<p><b>Environmental Engineering</b></p> <ul style="list-style-type: none"> <li>• 3-Ring Binder OR folder with prongs</li> <li>• 2x Refill rolls of scotch tape</li> <li>• Blue or black pens</li> </ul>
<p><b>Human Geography</b></p> <ul style="list-style-type: none"> <li>• 3-Ring Binder or folder with prongs just for this class</li> <li>• Loose-leaf paper or spiral notebook</li> <li>• Index Cards</li> </ul>	<p><b>Computer Programming</b></p> <ul style="list-style-type: none"> <li>• Scientific calculator</li> <li>• USB thumb drive (2 Gb minimum)</li> <li>• Spiral-bound notebook</li> </ul>
<p><b>Game Design II and III</b></p> <ul style="list-style-type: none"> <li>• 1 USB flash drive, 16 GB or larger</li> <li>• 1 computer mouse with left and right buttons and scroll wheel (home use only)</li> </ul>	<p><b>Contemporary World Issues</b></p> <ul style="list-style-type: none"> <li>• Writing utensils</li> <li>• 3 ring binder</li> <li>• 5 dividers</li> <li>• Notebook paper or spiral notebook</li> <li>• Index cards</li> </ul>