

## Middleton School District Curricular Resource Adoption Career Technical Education (CTE) 2022-2027

## Process



## Policies

Policy 2100: Curriculum Development \& Assessment
Policy 2520: Curricular Materials
Policy 2540: Selection, Adoption, and Removal of Curricular Materials

## Committee Members

| Name | Role |
| :--- | :--- |
| Marci Blandford | Parent |
| Tanna Nye | Parent |
| Maureen Seidel | Parent |
| Cindee Powell | Board Member |
| Dee Winegar | Teacher (Marketing/Computer Science) |
| Harley Wilson | Teacher (Welding/Ag Structures) |
| Nick Davis | Teacher (Welding/Ornamental Horticulture/Small Engines) |
| Emily Fisher | Teacher (Animal Science/Ornamental Horticulture) |
| Ruby Walgamott | Teacher (Culinary Arts) |
| Anne Kinley | Teacher (Family \& Consumer Science - MMS) |
| Bob Santi | Teacher (Computer Science - MMS) |

## Recommendation Overview \& Estimated Costs

| Pathway/Course | Curricular Resources | Equipment/Durables |
| :--- | ---: | ---: |
| Welding | $\$ 10,632.60$ | $\$ 44,303.30$ |
| Animal Science | $\$ 6,690.30$ | $\$ 4,098.90$ |
| Ornamental Horticulture | $\$ 15,747.95$ | $\$ 1,709.10$ |
| Culinary Arts/FCS | $\$ 12,118.70$ | $\$ 4,291.44$ |
| Marketing/Computer Science | $\$ 9,560.00$ | $\$ 5,802.69$ |
| Small Engines (Cluster Course) | $\$ 2,730.00$ | $\$ 7,574.10$ |
| Ag Structures (Cluster Course) | $\$ 0.00$ | $\$ 25,144.56$ |
| Teen Living | $\$ 0.00$ | $\$ 0.00$ |
| Professional Development | $\$ 3,000.00$ | $\$ 0.00$ |
| Shipping \& Handling | $\$ 2,165.84$ | $\$ 6,751.00$ |
| Subotal | $\$ 62,645.39$ | $\$ 99,675.09$ |
| Combined Total | $\$ 162,320.48$ |  |

## Welding Pathway

| Vendor | Publication/Resource | Quantity | Unit Cost | Total |
| :--- | :--- | ---: | ---: | ---: |
| American Technical <br> Publishers (ATP) |  <br> Mechanics (2nd Edition) |  |  |  |
| American Technical | Welding Skills (5th Edition) | 40 | $\$ 87.00$ | $\$ 3,480.00$ |
| Publishers (ATP) | Agriscience: Fundamentals and |  |  |  |
| Applications (6th Edition) | 35 | $\$ 102.00$ | $\$ 3,570.00$ |  |
| Cengage | Miller Open Book (Free) | 35 | $\$ 102.36$ | $\$ 3,582.60$ |
| Miller |  |  | $\$ 0.00$ | $\$ 0.00$ |
| Subotal |  |  |  | $\$ 10,632.60$ |


| Durable Supplies/Equipment Needed | Quantity | Unit Cost | Total |
| :--- | ---: | ---: | ---: |
| Scope, Tripods and Rods | 5 | $\$ 219.04$ | $\$ 1,095.20$ |
| GPS Map 65 | 5 | $\$ 359.99$ | $\$ 1,799.95$ |
| Amperage Tester | 5 | $\$ 23.99$ | $\$ 119.95$ |
| Multi Meter | 30 | $\$ 15.49$ | $\$ 464.70$ |
| Electricity Guide | 30 | $\$ 15.00$ | $\$ 450.00$ |
| Tile Cutter | 30 | $\$ 105.00$ | $\$ 3,150.00$ |
| Pex Crimper Tool | 30 | $\$ 33.99$ | $\$ 1,019.70$ |
| Pex Copper Tool | 30 | $\$ 66.99$ | $\$ 2,009.70$ |
| Pex Fittings Reusable | 30 | $\$ 52.99$ | $\$ 1,589.70$ |
| Crimp Ring Remover | 30 | $\$ 18.99$ | $\$ 569.70$ |
| Drafting Board | 30 | $\$ 59.99$ | $\$ 1,799.70$ |
| Electrical Service Panels | 15 | $\$ 54.60$ | $\$ 819.00$ |
| Breakers | 75 | $\$ 5.52$ | $\$ 414.00$ |
| PlasmaCAM + 20 Seat Licenses | 1 | $\$ 19,794.00$ | $\$ 19,794.00$ |
| Tools | 5 | $\$ 849.00$ | $\$ 4,245.00$ |
| Framing Nailer | 3 | $\$ 429.00$ | $\$ 1,287.00$ |
| Roofing Nailer | 3 | $\$ 429.00$ | $\$ 1,287.00$ |
| Rebar Tier | 1 | $\$ 2,389.00$ | $\$ 2,389.00$ |
| Subtotal |  |  | $\$ 44,303.30$ |

## Animal Science Pathway

| Vendor | Publication/Resource | Quantity | Unit Cost | Total |
| :--- | :--- | ---: | ---: | ---: |
| Curriculum for Agricultural <br> Science Education (CASE) | CASE Institute: Principles of <br> Agricultural Science - Animal | 1 | $\$ 3,215.00$ | $\$ 3,215.00$ |
| Cengage | Modern Livestock \& Poultry (9th <br> Edition) | 35 | $\$ 97.61$ | $\$ 3,416.35$ |
|  | Laboratory Manual for Clinical <br> Anatomy and Physiology for <br> Veterinary Technicians (3rd Edition) - <br> Teacher Resource |  |  |  |
| Elsevier |  | 1 | $\$ 58.95$ | $\$ 58.95$ |
| Subotal |  |  |  | $\$ 6,690.30$ |


| Durable Supplies/Equipment Needed | Quantity | Unit Cost | Total |
| :--- | ---: | ---: | ---: |
| Dissection Kits (Classroom Set) | 1 | $\$ 119.00$ | $\$ 119.00$ |
| Dissection Large Pan | 10 | $\$ 18.95$ | $\$ 189.50$ |
| Dissection Pins | 1 | $\$ 11.60$ | $\$ 11.60$ |
| Dissection Trays, 16" $\times$ 30" with Pad | 10 | $\$ 79.15$ | $\$ 791.50$ |
| USB Pupil Cam | 1 | $\$ 398.00$ | $\$ 398.00$ |
| Electronic Scale, 150 Gram Capacity | 5 | $\$ 249.00$ | $\$ 1,245.00$ |
| Large Injection Pad | 5 | $\$ 59.00$ | $\$ 295.00$ |
| Lab Apron | 25 | $\$ 18.50$ | $\$ 462.50$ |
| Agricultural Parasite Eggs Slide Set | 5 | $\$ 74.95$ | $\$ 374.75$ |
| Mixed Protist Slide | 5 | $\$ 8.85$ | $\$ 44.25$ |
| Bacteria Composite Slide | 5 | $\$ 8.70$ | $\$ 43.50$ |
| Mold Composite Types Slide | 5 | $\$ 11.10$ | $\$ 55.50$ |
| Animal Go Get It Cards, Placards | $\mathbf{1}$ | $\$ 11.75$ | $\$ 11.75$ |
| Animal Go Get It Cards, Subjects | $\mathbf{1}$ | $\$ 7.05$ | $\$ 7.05$ |
| Exploring Career Note Cards | 5 | $\$ 10.00$ | $\$ 50.00$ |
| Subtotal |  |  | $\$ 4,098.90$ |

## Ornamental Horticulture Pathway

| Vendor | Publication/Resource | Quantity | Unit Cost | Total |
| :--- | :--- | ---: | ---: | :---: |
| Curriculum for Agricultural <br> Science Education (CASE) | CASE Institute: Principles of <br> Agricultural Science - Plant | 1 | $\$ 3,015.00$ | $\$ 3,015.00$ |
| Cengage | Landscaping Principles and Practices <br> (8th Edition) | 35 | $\$ 129.67$ | $\$ 4,538.45$ |
| Goodheart-Wilcox | Horticulture Today (2nd Edition) | 35 | $\$ 112.50$ | $\$ 3,937.50$ |
| PRO Landscape | PRO Landscape CAD Software <br> (Sitewide license) | 1 | $\$ 4,150.00$ | $\$ 4,150.00$ |
|  | Principles of Floral Design (2nd <br> Edition) - Teacher Supplemental <br> Resource Only |  |  |  |
| Goodheart-Wilcox |  | 1 | $\$ 107.00$ | $\$ 107.00$ |
| Subtotal |  |  |  | $\$ 15,747.95$ |


| Durable Supplies/Equipment Needed | Quantity | Unit Cost | Total |
| :--- | ---: | ---: | ---: |
| Rootview Growth Chamber | 2 | $\$ 45.00$ | $\$ 90.00$ |
| Thermometer, Celsius, partial immersion | 10 | $\$ 7.25$ | $\$ 72.50$ |
| Plant Science Kit | 1 | $\$ 729.00$ | $\$ 729.00$ |
| Wide Mouth Jars with Lids (12 pack), 32 oz. | 10 | $\$ 69.49$ | $\$ 694.90$ |
| Dicot Cross Sections, Vial | $\mathbf{1}$ | $\$ 69.95$ | $\$ 69.95$ |
| Go-Get-It Notecards, Plant Placards | $\mathbf{1}$ | $\$ 11.75$ | $\$ 11.75$ |
| Plant - Exploring Career Card set | $\mathbf{5}$ | $\$ 8.20$ | $\$ 41.00$ |
| Subtotal |  |  | $\mathbf{\$ 1 , 7 0 9 . 1 0}$ |

## Culinary Arts Pathway (9-12)/Family \& Consumer Science (6-8)

| Course/Pathway | Vendor | Publication/Resource | Quantity | Unit Cost | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Culinary Arts (MHS) | GoodheartWilcox | Nutrition \& Wellness for Life (2023) | 35 | \$99.43 | \$3,480.05 |
| Culinary Arts (MHS) | GoodheartWilcox | The Culinary Professional (2023) | 35 | \$109.71 | \$3,839.85 |
| FCS (MMS) | GoodheartWilcox | Adventures in Food and Nutrition (2022) | 30 | \$159.96 | \$4,798.80 |
| Subtotal |  |  |  |  | \$12,118.70 |

## Culinary Arts Pathway (9-12)

| Durable Supplies/Equipment Needed | Quantity | Unit Cost | Total |
| :--- | ---: | ---: | ---: |
| Knife Sharpener | 2 | $\$ 14.98$ | $\$ 29.96$ |
| Scales | 6 | $\$ 31.44$ | $\$ 188.64$ |
| Knife Set | 6 | $\$ 93.49$ | $\$ 560.94$ |
| Label Maker | 1 | $\$ 37.75$ | $\$ 37.75$ |
| Microwaves | 3 | $\$ 139.99$ | $\$ 419.97$ |
| Pot and Pan Sets | 6 | $\$ 99.00$ | $\$ 594.00$ |
| Subtotal |  |  | $\mathbf{\$ 1 , 8 3 1 . 2 6}$ |

Family \& Consumer Science (6-8)

| Durable Supplies/Equipment Needed | Quantity | Unit Cost | Total |
| :--- | ---: | ---: | ---: |
| Sewing Machines | 8 | $\$ 210.00$ | $\$ 1,680.00$ |
| 10 piece Cookware Wet | 1 | $\$ 135.00$ | $\$ 135.00$ |
| Scissors Singer Shears for Fabric Cutting | 10 | $\$ 12.00$ | $\$ 120.00$ |
| Irons | 3 | $\$ 35.00$ | $\$ 105.00$ |
| Countertop Ironing boards | 5 | $\$ 35.00$ | $\$ 175.00$ |
| Bowls for Student Use | 2 | $\$ 24.73$ | $\$ 49.46$ |
| Mixing Bowl Sets | 4 | $\$ 25.99$ | $\$ 103.96$ |
| Ramekins | 2 | $\$ 20.98$ | $\$ 41.96$ |
| Seam Rippers | 10 | $\$ 4.98$ | $\$ 49.80$ |
| Subtotal |  |  | $\$ 2,460.18$ |

## Marketing Pathway/Computer Science 6-12

| Course/Pathway | Vendor | Publication/Resource | Quantity | Unit Cost | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Marketing | Stukent | MOD Marketing | 1 | \$4,500.00 | \$4,320.00 |
| Marketing/Computer Science | Adobe | Adobe Creative Cloud |  | \$0.00 | Free (Paid by State) |
| Marketing | MBA Research Curriculum | MBA Research Curriculum |  | \$0.00 | Free (Paid by State) |
| Marketing | Study.com | Study.com | 1 | \$1,625.00 | \$1,625.00 |
| Marketing | Pearson | GMetrix Practice Tests | 5 | \$723.00 | \$3,615.00 |
| Computer Science $(9-12)$ | Code.org | Code.org |  | \$0.00 | \$0.00 |
| Exploratory (Grade 6) | Typing.com | Typing.com |  | \$0.00 | \$0.00 |
| App Development $(6-8)$ | Massachusetts Institute of Technology | App Inventor 2 |  | \$0.00 | \$0.00 |
| 3D Design (6-8) | Google | SketchUp for Schools |  | \$0.00 | \$0.00 |
| 3D Design (6-8) | Tinkercad | Tinkercad |  | \$0.00 | \$0.00 |
| Subtotal |  |  |  |  | \$9,560.00 |

## Marketing

| Durable Supplies/Equipment Needed | Quantity | Unit Cost | Total |
| :--- | ---: | ---: | :--- |
| Video Camera | 1 | $\$ 699.99$ | $\$ 699.99$ |
| Subtotal |  |  | $\$ 699.99$ |

Computer Science (6-8)

| Durable Supplies/Equipment Needed | Quantity | Unit Cost | Total |
| :--- | ---: | ---: | :---: |
| 3D Printers | 3 | $\$ 926.00$ | $\$ 2,778.00$ |
| Android Tablets | 15 | $\$ 139.00$ | $\$ 2,085.00$ |
| Optic Mice | 30 | $\$ 7.99$ | $\$ 239.70$ |
| Subtotal |  |  | $\$ \mathbf{5 , 1 0 2 . 7 0}$ |

Small Engines

| Vendor | Publication/Resource | Quantity | Unit Cost | Total |
| :--- | :--- | ---: | ---: | :---: |
| American Technical <br> Publishers (ATP) | Small Engines (4th Edition) - Hard Copy <br> Textbook |  |  |  |
| Subtotal |  | 35 | $\$ 78.00$ | $\$ 2,730.00$ |


| Durable Supplies/Equipment Needed | Quantity | Unit Cost | Total |
| :--- | ---: | ---: | ---: |
| OHV Engines | 15 | $\$ 357.56$ | $\$ 5,363.40$ |
| Dewalt Tool Kits | 15 | $\$ 117.59$ | $\$ 1,763.85$ |
| Torque Wrenches | 15 | $\$ 29.79$ | $\$ 446.85$ |
| Subtotal |  |  | $\$ 7,574.10$ |

## Ag Structures

| Durable Supplies/Equipment Needed | Quantity | Unit Cost | Total |
| :--- | ---: | ---: | ---: |
| Table Saw | 2 | $\$ 5,700.00$ | $\$ 11,400.00$ |
| Jet Drill Press | 1 | $\$ 1,549.38$ | $\$ 1,549.38$ |
| Router Table | 4 | $\$ 129.00$ | $\$ 516.00$ |
| Routers | 4 | $\$ 154.80$ | $\$ 619.20$ |
| Jet Band Saw | 1 | $\$ 3,899.99$ | $\$ 3,899.99$ |
| Hinge Boring Machine | 1 | $\$ 2,899.99$ | $\$ 2,899.99$ |
| Panto Router | 2 | $\$ 2,130.00$ | $\$ 4,260.00$ |
| Subtotal |  |  | $\mathbf{\$ 2 5 , 1 4 4 . 5 6}$ |

Teen Living

| Vendor | Publication/Resource | Quantity | Unit Cost | Total |
| :--- | :---: | :--- | :--- | ---: |
|  |  |  |  | Free <br> (State |
| Idaho FCS | Idaho FCS's LiveBinders Shelf |  |  |  |
| Provided) |  |  |  |  |$|$

## Committee Signatures



