

## NWS Optional Materials and Costs

Curriculum samples: <https://nextwavestem.com/course-catalog>

Equipment: <https://nextwavestem.com/stem-equipment-for-classroom-teaching>

| <b>NextWaveSTEM's (NWS) Materials and Costs</b>   |
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| <p style="text-align: center;"><b>Professional Development</b></p> <p><u>Professional Development   Self-Paced Professional Development and Live Virtual Support</u><br/><u>\$1,495.00</u><br/>Participating instructors will build essential knowledge and skills for how to effectively deploy and use the equipment associated with their NextWaveSTEM courses. Participating instructors will gain the practical skills for use in specific performance tasks in the curriculum and troubleshooting software and/or hardware issues. One year of curriculum support is also included. (1 instructor, 3 hours)</p> <p><u>Professional Development   Half-Day On-Site Professional Development</u> \$4,995.00<br/>Participating instructors will build essential knowledge and skills for how to effectively deploy and use the equipment associated with their NextWaveSTEM courses. Participating instructors will expand on the practical skills for use in specific performance tasks and troubleshooting software and/or hardware issues. Participating instructors will also develop strategies for differentiation pertaining to their specific instructional scenarios. Participating instructors will gain a more comprehensive understanding of the applications of the emerging technologies associated with their course in the context of emerging industries. (max of 12 instructors) Trainer travel expenses may cost additional.</p> <p><u>Professional Development   Additional User Access for LMSt</u> \$495.00<br/>1 Additional LMS user access for a year.</p> |
| <p style="text-align: center;"><b>Curriculum</b></p> <p>Curriculum is \$2,495.00. These include 15 lesson plans. Each course comes with 1 annual site license.</p> <p>Grades K-2 Introduction to Robots: What is a Robot?<br/>Grades K-2 Introduction to Drones: Take flight!<br/>Grades K-2 Introduction to Artificial Intelligence: Lions, and Tigers, and AI!<br/>Grades K-2 Introduction to Hydroponics: Plants and the Science of Growing!<br/>Grades K-2 Introduction to 3D Printing: Create &amp; Construct Early Engineering Adventures<br/>Grades K-2 Introduction to Innovation: STEM Classics<br/>Grades 3-5 Discovery of Robots: Coding mBot<br/>Grades 3-5 Discovery of Unmanned Aviation<br/>Grades 3-5 Discovery of Drones: Simulator Only<br/>Grades 3-5 Discovery of 3D Design Using Tinkercad<br/>Grades 3-5 Discovery of Solar Power and Renewable Energy: Designing Systems<br/>Grades 3-5 Discovery of AI: ARTificial Intelligence Artists<br/>Grades 3-5 Discovery of Hydroponics: Plants and the Science of Growing!<br/>Grades 3-5 Discovery of Game Design: Video Games from "Scratch"<br/>Grades 6-8 Exploration of Robots: Coding mBot with a purpose<br/>Grades 6-8 Exploration of Drones: Coding With Tello</p>  |

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| <b>Professional Development</b>   |
| Grades 6-8 Exploration of Drones: Simulator Only<br>Grades 6-8 Exploration of 3D Development Using Tinkercad<br>Grades 6-8 Exploration of Internet of Things (IoT): Designing an IoT Device<br>Grades 6-8 Exploration of Invention & Entrepreneurship: From Idea to Market<br>Grades 6-8 Exploration of Artificial Intelligence: Character AIland<br>Grades 6-8 Exploration of Hydroponics: Plants and the Science of Growing!<br>Grades 6-8 Exploration of Game Design: Coding Arcade Game Design Essentials<br>Grades 9-12 Creatively Using 3D Technology for the Real World<br>Grades 9-12 Creation and Evaluation of Drones: Coding with Tello<br>Grades 9-12 Creation and Evaluation of Drones: Drone Pilot Certification<br>Grades 9-12 Advanced Machine Learning & Artificial Intelligence<br>Grades 9-12 Creation & Evaluation of Cybersecurity: Global Impact<br>Grades 9-12 Invention & Entrepreneurship<br>Grades 9-12 Hydroponics: Agriculture Science  |
| Renewals for an additional 1 year subscription to LMS access to curriculum is \$2,495.00.   |
| <b>Equipment</b>  |
| Our reusable equipment kits may include drones, robots, and/or 3D printers, and are specifically designed for classrooms. <ul style="list-style-type: none"><li>● Equipment Bundle Grades K-2  24 Code and Go Robot \$1,995.00</li><li>● Equipment Bundle Grades K-2  24 Scoot Drone \$1,995.00</li><li>● Equipment Bundle Grades K-2  3D Printing with cardboard sheets and tubes, basic craft clay, non-toxic glue and tape, recyclables, simple measuring tools, templates for cutting, misc craft supplies, and 3D Doodlers \$1,995.00</li><li>● Equipment Bundle Grades K-2  STEM Classics \$1,995.00</li><li>● Equipment Bundle Grades 3-5  Solar and Renewable Energy \$1,495.00</li><li>● Equipment Bundle Grades 3-8  12 mBot Robots \$2,495.00</li><li>● Equipment Bundle Grades 3-12  8 Tello Drones \$2,995.00</li><li>● Equipment Bundle Grades 3-12  2 3-D Printer \$1,995.00</li><li>● Equipment Bundle Grades 6-8  24 Halo Code Internet of Things (IOT) \$1,995.00</li><li>● Equipment Bundle Grades 6-8  8x MeowBit Gameboy \$1,995.00</li><li>● Equipment Bundle Grades 6-12  Exploration of Invention &amp; Entrepreneurship 4 craft materials kits, 2 polymer clay kits with handtools, for prototyping \$1,495.00</li><li>● Equipment Bundle  Grades K-8   Life Sciences hydroponics basin with light, 12-30 pods, seeds, water quality meter, A/B/ testing set up \$2,495</li><li>● Equipment Bundle  Grades 9-12   Agriculture Science with Soil pH Test Kits, Plant Samples and Dissection Kits, and Model Irrigation Supplies \$1,995</li></ul> |
| <b>Enterprise</b>   |

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### NextWaveSTEM's (NWS) Materials and Costs

#### Professional Development

Grades K-2 | All Courses | Full Access: Includes curriculum and self-paced professional development to K-2 grade band courses 3-D printing, STEM Classics, Hydroponics, Artificial Intelligence, Drones and Robotics. Includes two concurrent user licenses for one year. Hardware required. \$10,000.

Grades 3-5 | All Courses | Full Access: Includes curriculum and self-paced professional development to 3-5 grade band courses Game-design, Hydroponics, Artificial Intelligence, Solar Power and Renewable Energy, 3D Design Using Tinkercad, Drones, and Robots. Includes two concurrent user licenses for one year. Hardware required. \$10,000.

Grades 6-8 | All Courses | Full Access: Includes curriculum and self-paced professional development to 6-8 grade band courses Game-design, Hydroponics, Artificial Intelligence, Entrepreneurship, Designing Smart Automation, 3D Development Using Tinkercad, Drones, and Robots. Includes two concurrent user licenses for one year. Hardware required. \$10,000.

Grades 9-12 | All Courses | Full Access: Includes curriculum and self-paced professional development to 9-12 grade band courses Hydroponics, Entrepreneurship & Innovation, Creation & Evaluation of Cybersecurity, Advanced Machine Learning & Artificial Intelligence, Drones, 3D Technology for the Real World, and Drone Pilot Certification Course. Includes two concurrent user licenses for one year. Hardware required. \$10,000.

Grades K-12 | All Courses | Full Access: It includes complete access to curriculum and self-paced Professional Development to:

- All the K-2 grade band courses: 3-D printing, STEM Classics, Hydroponics, Artificial Intelligence, Drones, and Robotics.
- All the 3-5 grade band courses: Game-design, Hydroponics, Artificial Intelligence, Solar Power and Renewable Energy, 3D Design Using Tinkercad, Drones, and Robots.
- All the 6-8 grade band courses: Game-design, Hydroponics, Artificial Intelligence, Entrepreneurship, Designing Smart Automation, 3D Development Using Tinkercad, Drones, and Robots.
- All the 9-12 grade band courses: Hydroponics, Entrepreneurship & Innovation, Creation & Evaluation of Cybersecurity, Advanced Machine Learning & Artificial Intelligence, Drones, 3D Technology for the Real World, and Drone Pilot Certification Course.

Includes two concurrent user licenses for one year. Hardware required. \$25,000.

[Link to NWS Products and Services List](#)

[www.nextwavestem.com](http://www.nextwavestem.com)