

2022 - 2023 BOCES 4 Science FALL
Curriculum Embedded Professional Learning



Teaching science is changing. The New York State Science Learning Standards (NYSSLS) provide guidance for new curriculum and the shifts in instruction that are integral to it. When teachers attend training sessions on each unit, they dive into the appropriate NYSSLS topic. The lessons in the unit were written to be three-dimensional. The margin notes in the Teacher’s Guides focus attention on those 3-D elements. In addition, the training sessions emphasize how instruction has shifted with the new Standards. When teachers attend a training session, they learn that the B4S educators are always ready to provide support as the teachers & students embark on this new adventure.

BOCES 4 Science Embedded Professional Learning Sessions as well as all supporting materials on the B4S website are free with the use of the corresponding unit.

Grade Level	Unit Name Unit Contact Email	PD Course Dates
Kindergarten	Fall: Weather for Kindergarten AND Pushes & Pulls – IN PERSON Monroe 2 BOCES, Spencerport NY Steve Montemarano smontema@monroe2boces.org	Oct. 12 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 2-Orleans BOCES Prof Dev Center (PDC) 3599 Big Ridge Road, Spencerport NY 14559
Kindergarten	Fall: Weather for Kindergarten – ONLINE Steve Montemarano smontema@monroe2boces.org	This 3-class session includes ALL dates: Oct. 20, Oct. 27, AND Nov. 3 3 CTLE credits 3:30 p.m. – 4:30 p.m.
Kindergarten	Fall: Pushes & Pulls – ONLINE Steve Montemarano smontema@monroe2boces.org	This 3-class session includes ALL dates: Nov. 29, Dec. 6, AND Dec. 13 3 CTLE credits 3:30 p.m. – 4:30 p.m.
Kindergarten	Fall: Worm Scouts – ONLINE Kristy Pincelli kpincell@monroe2boces.org	This 4-class session includes ALL dates: Sept. 13* , Sept. 27, Oct. 4, Oct. 11 4 CTLE credits 3:30 p.m. – 4:30 p.m. (*Note: Change in Date)
Kindergarten	Fall: Worm Scouts – IN PERSON Monroe 2 BOCES, Spencerport NY Kristy Pincelli kpincell@monroe2boces.org	Dec. 8 – 8:30 a.m. – 3 pm – In Person 6 CTLE credits Monroe 2-Orleans BOCES Prof Dev Center (PDC) 3599 Big Ridge Road, Spencerport NY 14559

Grade 1	<p>Fall: A Bunny's Life – IN PERSON Monroe 1 BOCES, Rochester NY Steve Montemarano smontema@monroe2boces.org</p>	Nov. 1 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 1 BOCES 15 Linden Park, Rochester, NY 14625
Grade 1	<p>Fall: A Bunny's Life – ONLINE Steve Montemarano smontema@monroe2boces.org</p>	This 4-class session includes ALL dates: Nov. 9, Nov. 16, Nov. 30, AND Dec. 7 4 CTLE credits 3:30 p.m. – 4:30 p.m.
Grade 1	<p>Fall: Sending Messages with Light & Sound - ONLINE Kathryn Jensen kjensen@monroe2boces.org</p>	This 4-class session includes ALL dates: Oct. 12, Oct. 19, Oct. 26, AND Nov. 2 4 CTLE credits 3:30 p.m. – 4:30 p.m.
Grade 1	<p>Fall: Sending Messages with Light & Sound – IN PERSON Monroe 1 BOCES, Rochester NY Kathryn Jensen kjensen@monroe2boces.org</p>	Oct. 17 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 1 BOCES 15 Linden Park Rochester, NY 14625
Grade 1	<p>Fall: Sky Patterns – ONLINE Kathryn Jensen kjensen@monroe2boces.org</p>	This 4-class session includes ALL dates: Sept. 14, Sept. 22* , Sept. 28. AND Oct. 5 4 CTLE credits 3:30 p.m. – 4:30 p.m. (*Note: Change in Date)
Grade 1	<p>Fall: Sky Patterns – IN PERSON Monroe 2 BOCES, Spencerport NY Kathryn Jensen kjensen@monroe2boces.org</p>	Oct. 3 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 2-Orleans BOCES Prof Dev Center (PDC) 3599 Big Ridge Road, Spencerport NY 14559

Grade 2	<p>Fall: Earth's Features – IN PERSON Monroe 1 BOCES, Rochester NY Sharon Bassage sharon.bassage@wflboces.org</p>	<p>Oct. 5 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credit hours Monroe 1 BOCES 15 Linden Park Rochester, NY 14625</p>
Grade 2	<p>Fall: Earth's Features - ONLINE Sharon Bassage sharon.bassage@wflboces.org</p>	<p>This 4-class session includes ALL dates: Oct. 12, Oct. 19, Oct. 26, AND Nov. 2 4 CTLE credits 3:30 p.m. – 4:30 p.m.</p>
Grade 2	<p>Fall: Made of Matter – ONLINE Sharon Bassage sharon.bassage@wflboces.org</p>	<p>This 4-class session includes ALL dates: Oct. 17, Oct. 24, Nov. 14, AND Nov. 21 4 CTLE credits 3:30 p.m. – 4:30 p.m.</p>
Grade 2	<p>Fall: Made of Matter – IN PERSON Monroe 1 BOCES, Rochester NY Sharon Bassage sharon.bassage@wflboces.org</p>	<p>Oct. 20 – 8:30 a.m. – 3 p.m. – In person 6 CTLE credits Monroe 1 BOCES 15 Linden Park Rochester, NY 14625</p>
Grade 2	<p>Fall: Save the Bees – IN PERSON Monroe 1 BOCES, Rochester NY Antonietta Quinn aquinn@monroe2boces.org</p>	<p>Oct. 27 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 1 BOCES 15 Linden Park Rochester, NY 14625</p>
Grade 2	<p>Fall: Save the Bees - ONLINE Antonietta Quinn aquinn@monroe2boces.org</p>	<p>This 4-class session includes ALL dates: Nov. 3, Nov. 10, Nov. 17, AND Dec. 1 4 CTLE credits 3:30 p.m. – 4:30 p.m.</p>

Grade 3	<p>Fall: Generations of Butterflies – IN PERSON Monroe 2 BOCES, Spencerport NY Antonietta Quinn aquinn@monroe2boces.org</p>	<p>Dec. 6 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 2-Orleans BOCES Prof Dev Center (PDC) 3599 Big Ridge Road, Spencerport NY 14559</p>
Grade 3	<p>Fall: Generations of Butterflies – ONLINE Antonietta Quinn aquinn@monroe2boces.org</p>	<p>This 4-class session includes ALL dates: Dec. 13, Dec. 20, Jan. 10, 2023, Jan. 17, 2023 4 CTLE credits 3:30 p.m. – 4:30 p.m.</p>
Grade 3	<p>Fall: Investigating Weather & Climate – IN PERSON Monroe 2 BOCES, Spencerport NY Steve Montemarano smontema@monroe2boces.org</p>	<p>Oct. 19 – 8:30 a.m. – 3 p.m. – In person 6 CTLE credits Monroe 2-Orleans BOCES Prof Dev Center (PDC) 3599 Big Ridge Road, Spencerport NY 14559</p>
Grade 3	<p>Fall: Invisible Forces – ONLINE Antonietta Quinn aquinn@monroe2boces.org</p>	<p>This 4-class session includes ALL dates: Oct. 18, Oct. 25, Nov. 15, AND Nov. 29 4 CTLE credits 3:30 p.m. – 4:30 p.m.</p>
Grade 3	<p>Fall: Invisible Forces – IN PERSON Monroe 2 BOCES, Spencerport NY Antonietta Quinn aquinn@monroe2boces.org</p>	<p>Nov. 1 – 8:30 a.m. – 3 p.m. – In person 6 CTLE credits Monroe 2-Orleans BOCES Prof Dev Center (PDC) 3599 Big Ridge Road, Spencerport NY 14559</p>
Grade 3	<p>Fall: Where are the Wolves? – IN PERSON Monroe 1 BOCES, Rochester NY Antonietta Quinn aquinn@monroe2boces.org</p>	<p>Oct. 11 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 1 BOCES 15 Linden Park Rochester, NY 14625</p>

Grade 4	<p>Fall: <u>A Walk in the Park – ONLINE</u> Kathryn Jensen kjensen@monroe2boces.org</p>	<p>This 4-class session includes ALL dates: Oct. 20, Oct. 27, Nov. 10, AND Nov. 17 4 CTLE credits 3:30 p.m. – 4:30 p.m.</p>
Grade 4	<p>Fall: <u>A Walk in the Park – IN PERSON</u> Monroe 2 BOCES, Spencerport NY Kathryn Jensen kjensen@monroe2boces.org</p>	<p>Nov. 14 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 2-Orleans BOCES Prof Dev Center (PDC) 3599 Big Ridge Road, Spencerport NY 14559</p>
Grade 4	<p>Fall: <u>Earth Processes in NYS - ONLINE</u> Sharon Bassage sharon.bassage@wflboces.org</p>	<p>This 4-class session includes ALL dates: Sept. 29, Oct. 3, Oct. 6, AND Oct. 13 4 CTLE credits 3:30 p.m. – 4:30 p.m.</p>
Grade 4	<p>Fall: <u>Earth Processes in NYS – IN PERSON</u> Monroe 2 BOCES, Spencerport NY Kathryn Jensen kjensen@monroe2boces.org</p>	<p>Nov. 3 – 8 30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 2-Orleans BOCES Prof Dev Center (PDC) 3599 Big Ridge Road, Spencerport NY 14559</p>
Grade 4	<p>Fall: <u>Powering thru the Fair – IN PERSON</u> Monroe 2 BOCES, Spencerport NY Kristy Pincelli kpincel@monroe2boces.org</p>	<p>Sept. 13 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 2-Orleans BOCES Prof Dev Center (PDC) 3599 Big Ridge Road, Spencerport NY 14559</p>
Grade 4	<p>Fall: <u>Powering thru the Fair – Online</u> Kristy Pincelli kpincel@monroe2boces.org</p>	<p>This 4-class session includes ALL dates: Nov. 16, Nov. 30, Dec. 7, AND Dec. 14 4 CTLE credits 3:30 p.m. – 4:30 p.m.</p>
Grade 4	<p>Fall: <u>Riding the Waves of Information - ONLINE</u> Sharon Bassage sharon.bassage@wflboces.org</p>	<p>This 4-class session includes ALL dates: Sept. 12, Sept. 19, Sept. 22 AND Sept. 26 4 CTLE credits 3:30 p.m. – 4:30 p.m.</p>
Grade 4	<p>Fall: <u>Riding the Waves of Information – IN PERSON</u> Monroe 1 BOCES, Rochester NY Sharon Bassage Sharon.bassage@wflboces.org</p>	<p>Sept. 15 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 1 BOCES 15 Linden Park Rochester, NY 14625</p>

Grade 5	<p>Fall: Deer, Deer Everywhere – IN PERSON Monroe 1 BOCES, Rochester NY Kristy Pincelli kpincell@monroe2boces.org</p>	<p>Sept. 22 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 1 BOCES 15 Linden Park Rochester, NY 14625</p>
Grade 5	<p>Fall: Deer, Deer Everywhere - ONLINE Kristy Pincelli kpincell@monroe2boces.org</p>	<p>This 4-class session includes ALL dates: Sept. 14, Sept. 28, Oct. 5, AND Oct. 12* 4 CTLE credits 3:30 p.m. – 4:30 p.m. (*Note: Change in Date)</p>
Grade 5	<p>Fall: Earth & Space Explorers – IN PERSON Monroe 2 BOCES, Spencerport NY Kathryn Jensen kjensen@monroe2boces.org</p>	<p>Oct. 24 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 2-Orleans BOCES Prof Dev Center (PDC) 3599 Big Ridge Road, Spencerport NY 14559</p>
Grade 5	<p>Fall: Earth & Space Explorers – ONLINE Kathryn Jensen kjensen@monroe2boces.org</p>	<p>This 4-class session includes ALL dates: Nov. 9, Nov. 16, Nov. 30, Dec. 7, AND Dec. 14 5 CTLE credits 3:30 p.m. – 4:30 p.m.</p>
Grade 5	<p>Fall: Got Water? – ONLINE Kristy Pincelli kpincell@monroe2boces.org</p>	<p>This 4-class session includes ALL dates: Oct. 18, Oct. 25, Nov. 1, AND Nov. 15 4 CTLE credits 3:30 p.m. – 4:30 p.m.</p>
Grade 5	<p>Fall: Got Water? – IN PERSON Monroe 1 BOCES, Rochester NY Kristy Pincelli kpincell@monroe2boces.org</p>	<p>Nov. 17 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 1 BOCES 15 Linden Park, Rochester, NY 14625</p>
Grade 5	<p>Fall: Toys Matter – IN PERSON Monroe 2 BOCES, Spencerport NY Kristy Pincelli Kpincell@monroe2boces.org</p>	<p>Nov. 2 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 2-Orleans BOCES Prof Dev Center (PDC) 3599 Big Ridge Road, Spencerport NY 14559</p>
Grade 5	<p>Fall: Toys Matter - ONLINE Kristy Pincelli kpincell@monroe2boces.org</p>	<p>This 4-class session includes ALL dates: Nov. 21, Dec. 5, Dec. 12, AND Dec. 19 4 CTLE credits 3:30 p.m. – 4:30 p.m.</p>

<p>Middle School</p>	<p>Fall: Waves & Electromagnetic Radiation – ONLINE Kathryn Jensen kjensen@monroe2boces.org</p>	<p>This 4-class session includes ALL dates: Sept. 15*, Sept. 27, Oct. 4, AND Oct. 11 4 CTLE credits 3:30 p.m. – 4:30 p.m. (*Note: Change in Date)</p>
<p>Middle School</p>	<p>Fall: Waves & Electromagnetic Radiation – IN PERSON Monroe 1 BOCES, Rochester NY kjensen@monroe2boces.org</p>	<p>Oct. 18 – 8:30 a.m. – 3 p.m. – In Person 6 CTLE credits Monroe 1 BOCES 15 Linden Park Rochester, NY 14625</p>