

ELEMENTARY AND MIDDLE SCHOOL Science Curriculum Night

Gaithersburg High School

Tuesday, January 21, 2020 • 6:30–8:30 p.m.

Snow date: Tuesday, January 28, 2020

To register, go to: <https://mcpsweb.wufoo.com/forms/high-school-science-curriculum-night-jan-21/>

SCHEDULE (see back for breakout sessions)

- 6:30–6:45 p.m.** **Opening Session (cafeteria)** MCPS and MCCPTA
- 6:45–6:50 p.m.** Transition to Breakout Session 1
- 6:50–7:20 p.m.** **Breakout Session 1** (30 minutes)
- 7:20–7:25 p.m.** Transition to Breakout Session 2
- 7:25–7:55 p.m.** **Breakout Session 2** (30 minutes)
- 7:55–8:00 p.m.** Transition to Breakout Session 3
- 8:00–8:30 p.m.** **Breakout Session 3** (30 minutes)

NEXT GENERATION SCIENCE STANDARD (NGSS)



The Three Dimensions of Science Learning

Within the Next Generation Science Standards (NGSS), there are three distinct and equally important dimensions to learning science. These dimensions are combined to form each standard—or performance expectation—and each dimension works with the other two to help students build a cohesive understanding of science over time.

Crosscutting Concepts

Crosscutting Concepts help students explore connections across the four domains of science, including Physical Science, Life Science, Earth and Space Science, and Engineering Design.

Science and Engineering Practices

Science and Engineering Practices describe what scientists do to investigate the natural world and what engineers do to design and build systems.

Disciplinary Core Ideas

Disciplinary Core Ideas (DCIs) are the key ideas in science that have broad importance within or across multiple science or engineering disciplines.

Thank you for attending tonight's MCCPTA and MCPS Elementary and Middle School Science Curriculum Night!

If you have additional questions about science curriculum and standards, please scan the code below and complete the following form:

Parent/Guardian Questions

<http://bit.ly/SciNight20>



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MCCPTA

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Gaithersburg High School

Elementary

- Room 1131 Grades K-1
- Room 1129 Grades K-1
- Room 1122 Grades 2-3
- Room 1125 Grades 2-3
- Room 1123 Grades 4-5
- Room 1120 Grades 4-5
- Room 1162 Childcare Room

Middle

- Room 1126 Grade 6
- Room 1118 Grade 6
- Room 1114 Grade 7
- Room 1104 Grade 7
- Room 1095 Grade 8
- Room 1091 Grade 8

