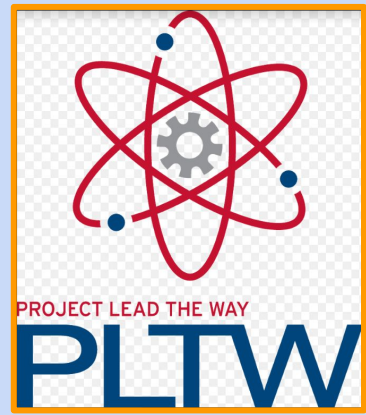


Grade 5 Science-

Project Lead the Way (PLTW)

Overview:

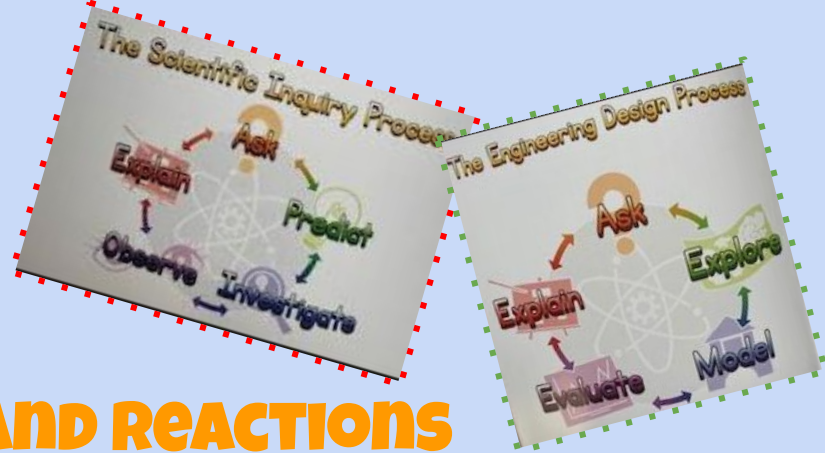
- 4 Modules
- Each module has 3 activities that lead to a project surrounding an overarching theme
- Mid- and End-of-Module Assessments
- NYS Assessment will be computer-based and will take place in early May



Science/PLTW

Year-At-A-Glance...

Grade 5

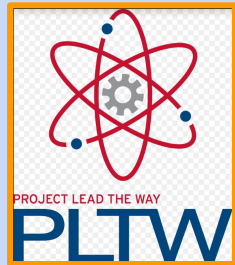


MODULE 1- MATTER: PROPERTIES AND REACTIONS

MODULE 2- ECOSYSTEMS: FLOW OF MATTER AND ENERGY

MODULE 3- EARTH'S WATER AND INTERCONNECTED SYSTEMS

MODULE 4- PATTERNS IN THE UNIVERSE



Report Cards- Grade 5 Science

The report card utilizes these performance levels:

Performance Levels	
Not Meeting NYS/District Grade-Level Standards	1
Working toward NYS/District Grade-Level Standards	2
Meeting NYS/District Grade-Level Standards	3
Mastering NYS/District Grade-Level Standards	4

The report card addresses these skills:

Science
Demonstrates an understanding of content and concepts
Plans and conducts investigations and makes observations to provide evidence/data
Develops explanations or arguments in order to generate solutions for real-world applications



GRADE 5 INNER ORBIT (FORMATIVE assessment)



Inner Orbit is an assessment platform that allows teachers to create computer based assessments using phenomena- based questions that directly align with specific NGSS standards. In grade 5, students will engage in a short **Inner Orbit** assessment after each PLTW module. The results will give teachers feedback and allow them to track growth in science. It will also give students experience with computer based testing.



How InnerOrbit Works



Select Questions
Choose from pools of rigorous NGSS aligned question clusters



Build Assessments
Copy, remix, and create your own science assessments



Assign to Classes
Students take do-nows, exit slips, and formative or summative assessments




Refocus Lessons
Give feedback, track growth, and use intuitive reports to identify gaps



*NEW Grade 5 New York State Science Exam



The 2023 Elementary-Level and Intermediate-Level Science Field Tests consist of 1-credit multiple-choice questions and short constructed-response questions. The 2023 CBT Science Field Tests will also consist of the following new 1-credit item types: multi-select questions (both Grades 5 and 8); drag and drop questions (both Grades 5 and 8); graphing (Grade 5 only); and grid item type questions which require a student to click to make selections within a table (Grade 5 only). To preview this functionality, go to the Question Sampler (<https://ny.nextera.questarai.com/tds/#practice>).





*NEW Grade 5 New York State Science Exam



15% of the exam questions will measure content related to the performance expectations measured by the Investigations. Other questions will assess concepts related to the activities undertaken by students in the Investigations.

- "Circle of Life"- Investigation pertaining to life cycles
 - "Light it Up"- Investigation pertaining to circuits and the flow of energy
 - "What's in the Bag"- Investigation pertaining to states of matter
 - "Cloud in a Bottle"- Investigation of states of matter as related to the water cycle
- 