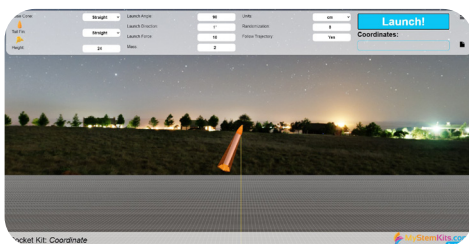




Virtual STEM Kits

ENGAGING STEM RESOURCES FOR IN CLASS, HYBRID, AND DISTANCE LEARNING

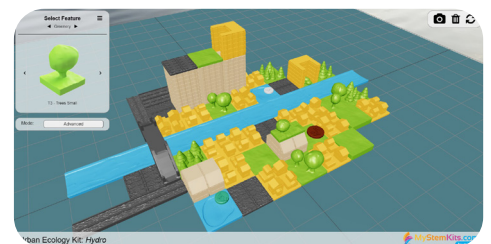
- Over 50 standards-driven lesson plans for grades K-12. Aligned to NGSS, Common Core, & State Standards.
- Allow your students to complete these STEM activities no matter where your students are!
- Open-ended learning resources for complete customization.
- Each virtual kit corresponds to a 3D-printable resource for hands-on learning.



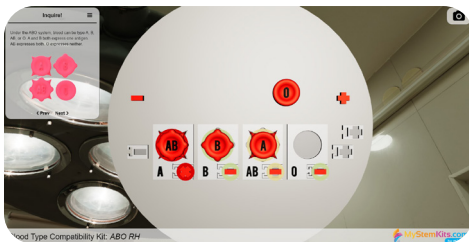
Rockets Kit
K-12 STEM



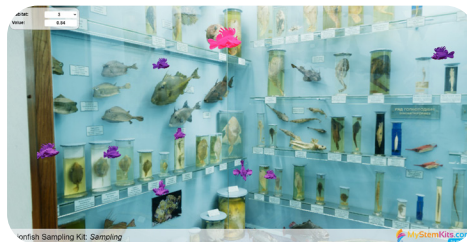
Portions of a Whole Kit
4-8 Math



Urban Ecology Kit
K-12 STEM



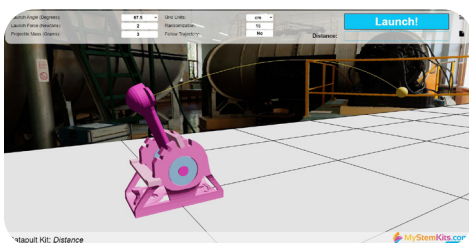
Blood Type Compatibility
6-12 Science



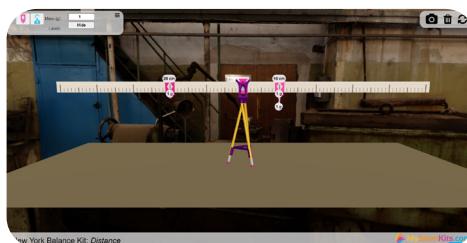
Lionfish Sampling Kit
6-12 STEM



Hominid Kits
3-12 STEM



Ball Bearing Catapult Kit
K-12 STEM



New York Balance Kit
1-12 STEM



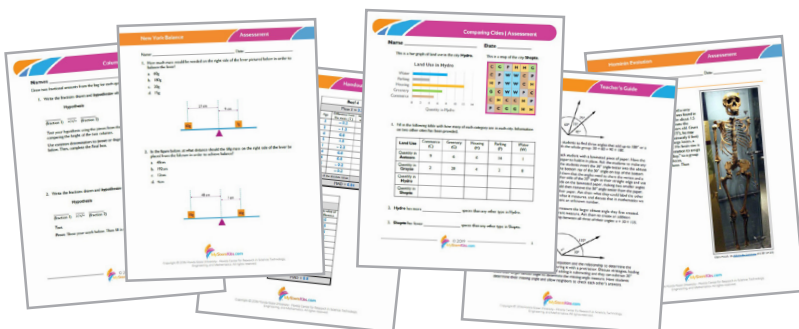
Composing Polygons Kit
K-8 Math

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Virtual STEM Kit Lesson Plans

- Grade K | Introducing Rectangles Geometry Composing Polygons
 - Grade K | Welcoming Urban Wildlife Earth & Human Activity, Counting & Cardinality Urban Ecology
 - Grade 1 | Hexagons Geometry Composing Polygons
 - Grade 1 | Balancing Equations: Addition Operations & Algebraic Thinking New York Balance
 - Grade 2 | Comparing Cities Measurement & Data Urban Ecology
 - Grade 2 | Counting Commerce Number & Operations: Base Ten Urban Ecology
 - Grade 3 | Graphing Urban Geography Measurement & Data Urban Ecology
 - Grade 4 | Column Comparisons Number & Operations - Fractions Portions of a Whole
 - Grade 4 | Adding Angles Geometry, Operations & Algebraic Thinking Composing Polygons
 - Grade 5 | Graphing with Gravity Forces, Geometry Rockets
 - Grade 6 | Statistical Questions Engineering Design, Statistics & Probability Hominid
 - Grade 6 | Importance of Being Accurate The Number System, Statistics & Probability Rockets
 - Grades 6 - 7 | Lionfish & Dot Plots Statistics & Probability Lionfish Sampling
 - Grades 6-12 | New York Balance Expressions & Equations, Ratios & Proportions New York Balance
 - Grades 6-12 | Hominin Evolution Structures & Processes, Heredity Hominid
 - Grades 6-12 | Ready, Aim, Fire! Algebra, Energy Ball Bearing Catapult
 - Grades 6-12 | Lionfish and Histograms Earth & Human Activity, Ecosystems, Stats. Lionfish Sampling
 - Grade 7 | Fractions and Decimals The Number System Portions of a Whole
 - Grade 7 | Lionfish Invasion (PBL) Statistics & Probability, Writing Lionfish Sampling
 - Grade 7 | Catapulting Data Statistics & Probability, Energy Ball Bearing Catapult
 - Grade 8 | Bivariate Rocket Launch Functions, Forces, Statistics & Probability Rockets
 - Grade 8 | Gliders & Pythagorean Theorem Geometry, Engineering Design, Forces Rockets
 - Grades 9-12 | Sampling Lionfish Reading, Statistics & Probability Lionfish Sampling
 - Grades 9-12 | Projectile Motion Algebra, Forces Ball Bearing Catapult
 - Grades 9-12 | Blood Type Compatibility Structures & Processes Blood Type Compatibility
- ... and many more!



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