

# TASC™ Preparation

## Self-Paced, Personalized Instruction



Brainchild's TASC™ programs provide personalized learning. Each student moves at his or her own pace.

- Play multimedia lesson
- Study with immediate feedback
- Test to track progress

Study Buddies are used in over 1,000 adult education sites for reteaching basic skills and passing high school equivalency tests.

- Durable (10 years of service)
- Cost-Effective at \$199.
- Self-Contained (no Wi-Fi)

**Math**

**Science**

**Language Arts**

*Available as a web subscription and on Study Buddy cartridges!*

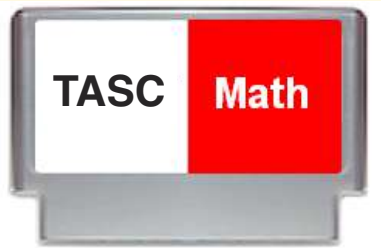
Brainchild's patented learning process of **PLAY LESSON, STUDY, TEST** helps students help themselves. Students build confidence and self-esteem as they tackle TASC™ questions and see the step-by-step solutions. Immediate feedback provides personal and gentle self-paced instruction.

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

# TASC™ Lesson Alignment

*Each cartridge contains over 1,000 TASC questions and solutions!*

*Mastery of these lessons is a powerful indicator of TASC success.*



## Mathematics

### Algebra

A-APR.1 Add-Subtract Polynomials  
A-APR.1 Multiply Polynomials  
A-CED.1 Create Equations  
A-CED.2 Equations of Lines  
A-CED.3 Create Systems of Equations  
A-REI.1 Simplify Expressions  
A-REI.12 Graph Equations & Inequalities  
A-REI.3 Solve Linear Equations  
A-REI.4 Solve Quadratic Equations  
A-REI.6 Solve Systems of Equations

### Functions

F-IF.1 Range and Domain  
F-IF.2 Function Notation  
F-IF.6 Rate of Change  
F-IF.9 Compare Functions

### Geometry

7.G.6 Surface Area  
8.G.7 Pythagorean Theorem  
G-CO.1 Terms of Lines & Angles  
G-GMD.3 Cylinder-Pyramid Volume  
G-GMD.4 Plane Sections of 3D Figures  
G-MG.2 Area & Volume  
G-SRT.5 Similarity & Congruency

### Statistics & Probability

7.SP.8 Compound Probability  
S-ID.1 Box Plots  
S-ID.1 Histograms  
S-ID.3 Measures of Center  
S-ID.5 Two-Way Tables  
S-ID.7 Rate of Change

### Number & Quantity

N.Q.1 Word Problems  
N-RN.2 Laws of Exponents



## Science

### Life Science

Ecosystems & Food Webs  
Life Cycles & Metamorphosis  
Adaptations  
Inherited & Learned Behaviors  
The Matter Cycle  
Interdependence of Organisms  
Cells, Organs, & Systems  
Biodiversity  
Classification  
Plant & Animal Cells  
Plant & Animal Structures  
Photosynthesis & Respiration

### Physical Science

Atomic Theory  
Periodic Table of Elements  
Properties of Matter  
Physical & Chemical Changes  
Mixtures & Compounds  
Mass, Volume & Density  
Forces & Motion  
Noncontact Forces  
Speed, Velocity, Acceleration  
Energy Forms  
Electricity & Electromagnetism  
Wave Properties

### Earth & Space Science

Earth in Space  
Solar System  
Stars & the Universe  
Earth's Systems & Spheres  
Tectonic Plates  
Rocks & Fossils  
The Water Cycle  
Weather & Climate  
Weathering & Erosion  
Natural Resources  
Human Impact



## Language Arts

### Reading Comprehension

RI.9-10.1 Key Details  
RL.9-10.1 Inferences  
RI.9-10.2 Main Idea  
RL.9-10.2 Summarization  
RL.9-10.2 Theme  
RI.9-10.3 Author's Purpose  
RI.9-10.3 Cause & Effect  
RL.9-10.3 Characterization  
RL.9-10.3 Plot  
RI.9-10.4 Figurative Language

### Writing Conventions

LA.6 Pronoun Shifts  
LA.7.1 Fragments & Run-Ons  
LA.7.1 Misplaced Modifiers  
LA.8.1 Active and Passive Voice  
LA.8.1 Gerunds, Participles, Infinitives  
LA.8.1 Verb Moods  
LA.8.2 Commas, Ellipses, Dashes  
LA.8.2 Spelling



www.Brainchild.com  
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