



GREEN CHEMISTRY | STANDARD ALIGNMENTS

Common Core Math & ELA

4.OA.A.2

Multiply or divide to solve word problems involving multiplicative comparison, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem, distinguishing multiplicative comparison from additive comparison.

4.OA.A.3

Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.

SL.4.1

Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 4 topics and texts, building on others' ideas and expressing their own clearly.



Next Generation Science Standards

MS-ESS3-3:

Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.

MS-ESS3-4:

Construct an argument supported by evidence for how changes to Earth's surface processes can have positive and negative impacts on the ecosystem and human activities.

Massachusetts Comprehensive Health Curriculum

PK1.5.1.PF.5

Adjust performance of locomotor, manipulative, and stability skills based on environmental and task constraints and ensure safe physical activity participation of the individual and peers.

PK1.5.1.PF.6

Demonstrate effective decision-making skills while engaged in emerging and maturing skill performance settings (including dance and gymnastics), games, and activities.

PK1.5.1.PF.7

Engage in independent and cooperative problem-solving activities while participating in physical activities.

PK2.5.2.MH.10

Demonstrate strategies and behaviors (which may include getting help) to help meet personal responsibilities and identify strategies to overcome barriers to meeting personal responsibilities.

PK7.5.7.CE.6

Use accurate information when discussing environmental health issues (e.g., littering, deforestation, recycling, climate change, clean water) that impact people's health.

