



REDUCING OUR CARBON FOOTPRINT | STANDARD ALIGNMENTS

Common Core Math & ELA

5.OA.A.2

Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them.

5.NF.A.1

Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators.

5.NF.A.2

Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers.

SL.5.1

Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 5 topics and texts, building on others' ideas and expressing their own clearly.

SL.5.3

Summarize the points a speaker makes and explain how each claim is supported by reasons and evidence.

5.NBT.B.7

Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.

Next Generation Science Standards

5.ESS3-1

Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.

5-ESS2-1

Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact.

5-PSI-1

Develop a model to describe that matter is made of particles too small to be seen.

Massachusetts Comprehensive Health Curriculum

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. [HE]

