



Yale-New Haven
Teachers Institute®

Curriculum Units by Fellows of the Yale-New Haven Teachers Institute
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Fun and Games with States of Matter

Guide for Curriculum Unit 16.04.02

by Carol Boynton

Young students love to investigate, experiment and discover. This four-week unit gives second graders opportunities for all three as they learn about liquids, solids and gases through games and challenges with their classmates. They will participate in a Matter Scavenger Hunt, discover that solids remain solids even if they break apart, challenge teams in an Amazing Liquids Race, and investigate popping balloons.

As students join in the fun and games, they will develop critical thinking skills, learn to observe and take notes, document results, and make conclusions based on their findings. This unit is designed to make the current science curriculum more engaging and exciting for my primary-level students and encourage them to explore matter and the transformation of matter through experimentation and discovery.

(Developed for Science, grade 2; recommended for Science, grades 1-4)

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