

Fifth Grade Fall Lesson

Common Core Standards (CCS) & Next Generation Science Standards (NGSS)

Mars Colony Test Garden

CCS - ENGLISH/LANGUAGE ARTS:

Speaking and Listening:

Comprehension and Collaboration

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.
 - b. Follow agreed-upon rules for discussions and carry out assigned roles.
 - c. Pose and respond to specific questions by making comments that contribute to the discussion and elaborate on the remarks of others.

CCS - MATH:

Measurement and Data

Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.

3. Recognize volume as an attribute of solid figures and understand concepts of volume measurement.
 - a. A cube with side length 1 unit, called a "unit cube," is said to have a "one cubic unit" of volume, and can be used to measure volume.