


SCIENCE		
Science/Engineering Practices	Jan	Jun
Develop a model (and/or sketch) to accurately describe a scientific principle or design solution using science notebook.		
Use evidence (e.g., measurements, observations, patterns) to construct or support an explanation or design a solution to a problem (orally and/or in writing).		
Communicate scientific information orally and/or in writing (in science notebook).		
Insects (Life Science)		
Construct an argument that insects have structures that support their survival and are advantageous to these individuals.		
Use simple graphical representations to show that species have unique and diverse life cycles.		
Give example of several roles insects play in the environment (pollinators, decomposers, food source).		
Sight, Light & Stars (Earth & Physical Science)		
Develops a model to describe that light must bounce off an object and enter the eye for the object to be seen.		
Develops a model of a simple wave to communicate that waves are regular patterns of motion along which energy travels, and can cause an object to move.		
Uses a model to show Earth's relationship to the sun, moon, and stars that explains why people on Earth experience day and night; and patterns in changes in length and direction of shadows over a day.		
Uses a model to show changes in the position of the sun, moon and constellations at different times during a day, over a month and over a year.		
Forces & Energy		
Describes and gives examples of forces, including friction.		
Provides evidence to explain effect of multiple forces, including friction, on an object.		
Explains how the speed of an object is related to its energy.		
Predicts outcomes about the changes in energy that occur when objects collide.		

VISUAL ARTS		
Studio Habits	Jan	Jun
Actively engaged in the art room and contributes positively to the classroom culture.		
Demonstrates safe and proper care for materials and tools.		
Creating		
Uses a strategy (i.e., sketches, prototypes, rough drafts) to organize artistic ideas.		
Presenting		
Refines a specific technique to produce a desired effect (i.e., creating realistic shading).		
Responding		
Develop critical thinking skills using the elements of art to convey expression and meaning.		
Connecting		
Practices artmaking to make personal connections to the global art world.		

MUSIC		
	Jan	Jun
Participates appropriately in music class activities. Actively participates in music class and positively contributes to the classroom		
Creating		
Uses the elements of music to create/improvise compositions that express feelings, concepts or ideas.		
Performing		
Uses a healthy singing voice to accurately perform unison and two part music as part of a formal chorus.		
Accurately sings melodies using sol, fa, mi, re do with the corresponding hand signs.		
Accurately reads and performs rhythms that include sixteenth, eighth, quarter, half, whole notes, and quarter rests.		
Responding		
Listens to music and identifies the musical forms canon, ABA, and verse/refrain.		
Listens to orchestral music and accurately identifies instruments being performed.		
Instrumental Music Elective		
Demonstrates continuous growth in performance skill on chosen instrument.		



Needham Public Schools

2023-2024
Grade 4 Progress Report

HR:	Art:	Attendance:
Music:	PE:	Absences: Tardies:
E=Established D=Developing B=Beginning NY=Not yet observed * = See separate progress monitoring report		

SOCIAL & EMOTIONAL LEARNING		
Self Awareness	Jan	Jun
Able to recognize and express one's emotions.		
Demonstrates self-confidence.		
Social Awareness		
Displays empathetic characteristics.		
Engages effectively with those who are different from oneself.		
Self Management		
Regulates emotions, thoughts, and behaviors.		
Sets and accomplishes goals.		
Relationship Skills		
Engages socially and builds positive relationships with others.		
Demonstrates ability to manage conflict.		
Works cooperatively with others.		

SOCIAL & EMOTIONAL LEARNING		
Responsible Decision Making	Jan	Jun
Follows class/school expectations.		
Demonstrates the ability to solve problems.		
Demonstrates the ability to reflect and learn from mistakes.		
Approaches to Learning		
Demonstrates initiative, self-direction, and independence.		
Demonstrates eagerness and curiosity.		
Maintains focus and attention.		
Demonstrates creativity and thinking and use of materials.		
Demonstrates organization skills.		
Able to retain and recall information.		

Comments:

ENGLISH LANGUAGE ARTS		
Reading	Jan	Jun
Reads routinely for a sustained amount of time.		
Decodes grade-level texts accurately.		
Reads grade-level texts fluently with phrasing and expression.		
Reads grade-level texts with literal comprehension.		
Reads grade-level texts with inferential and analytical comprehension.		
Communicates understanding about reading orally, using evidence to support thinking.		
Communicates understanding about reading in writing, using evidence to support thinking.		
Language and Word Study		
Uses a variety of strategies for understanding new vocabulary in texts (context clues, word parts, text features).		

ENGLISH LANGUAGE ARTS		
Writing Process	Jan	Jun
Writes routinely for a sustained amount of time.		
Uses planning strategies effectively (generating ideas, rehearsing, organizing).		
Applies revising and editing strategies and incorporates feedback to improve writing.		
Structure		
Creates an engaging beginning that introduces a topic or story.		
Organizes and connects ideas according to genre.		
Includes an ending that provides resolution/closure.		
Development		
Writes well-developed and organized paragraphs that support the main ideas or story.		
Elaborates with details and evidence that support the reader's understanding.		
Develops voice appropriate to the genre.		
Conventions		
Uses proper capitalization and punctuation.		
Writes grammatically correct sentences of varying length and complexity.		
Uses standard English spelling.		

MATHEMATICS		
Standards for Mathematical Practice	Jan	Jun
Makes sense of problems and perseveres in solving them.		
Constructs viable arguments and critiques the reasoning of others.		
Uses appropriate tools strategically.		
Attends to precision.		
Operations and Algebraic Thinking		
Solves word problems using the four operations with whole numbers.		
Identifies factors and multiples of whole numbers in the range of 1-100.		
Numbers & Operations in Base Ten		
Solves multiplication facts through 12x12 with accuracy, efficiency, and flexibility.		
Solves related division facts through 12x12 with accuracy, efficiency, and flexibility.		
Uses place value to read, write, compare, order, and represent numbers.		
Uses place value understanding to round multi-digit whole numbers.		
Fluently subtracts multi-digit numbers using the standard algorithm.		
Fluently adds multi-digit numbers using the standard algorithm.		
Uses place value understanding and properties of operations to multiply multi-digit numbers.		
Uses place value understanding and properties of operations to divide up to four-digit numbers by one-digit numbers.		
Number & Operations-Fractions		
Demonstrates understanding of fraction equivalence.		
Compares and orders fractions including those with different numerators and denominators.		
Adds and subtracts fractions including mixed numbers with like denominators.		
Represents and solves problems involving multiplication of a fraction by a whole number.		
Represents and compares decimals and decimal fractions.		

MATHEMATICS (Cont.)		
Geometry and Measurement	Jan	Jun
Draws, identifies and compares lines and angles.		
Classifies shapes by properties of their lines and angles.		
Solves problems involving measurement and conversion of measurements.		

SOCIAL STUDIES		
Early Colonial Settlers Unit	Jan	Jun
Explains the importance of the themes of geography (location, place, interaction with the environment, movement and regions) upon the success or failure of the major early colonies.		
Identifies the original 13 colonies and how regional differences shaped their economies and societies through up to the start of the Revolutionary War.		
Early Exploration Unit		
Explains the reasons for exploration and the prominent historical figures of and voyages the Age of Exploration.		
Uses map and globe skills to chart the voyages of major explorers.		

PHYSICAL EDUCATION		
Participation	Jan	Jun
Exhibits responsible behavior while participating in class activities.		
Personal and Social Responsibility		
Exhibits etiquette and adherence to rules in a variety of physical activities.		
Psychomotor		
Demonstrates a variety of skills and/or movement concepts while participating in physical activities.		

Proficiency Scale - Academic	
4	In addition to meeting the standard, the student is able to make in-depth inferences and applications that extend beyond what was taught. The student exceeds the January/June standard.
3	The student meets the January/June standard.
2	The student is progressing towards meeting the January/June standard.
1	The student needs more review & reinforcement, requires constant teacher support and assistance to learn and use information. The student is having difficulty meeting the January/June standard.
-	Not taught during this reporting period.
*	See separate progress monitoring report.

*A community and school partnership
that creates excited learners,
inspires excellence,
fosters integrity*