



Whole Numbers

Understanding place values,
order of operations and
multiplying/dividing by
factors of 10



Fractions

Visualizing, converting and
performing operations with
fractions



Perimeter, Area, Surface Area & Volume

Working with square and
cubic units; finding missing
values



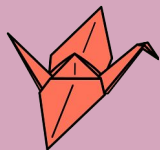
Decimals

Connecting with place
values; solving operations
and converting to fractions



Percent & Ratio

Connecting with decimals;
harnessing the tool of bar
modeling



Angles

Measuring and
determining unknown
degrees of rotation



Average & Rate

Tackling word problems;
Using tables and bar
models to visualize



Data Analysis

Using mean, median and
mode to make meaning out
of data



Journalism

Understanding an author's tone, audience and purpose (as well as their bias)



Poetry

Harnessing the tools of poetry to craft the "best words in the best order"



Fiction

Outlining and writing imaginative stories with complex characters



D'rash Writing

Wrestling with Torah in discussion; Writing nuanced interpretations



Historical Fiction

Using context to make deeper meaning of our characters' realities



Persuasive Writing

Crafting strong arguments using facts, testimonies and reasoning



Voice

Expressing our ideas verbally, using emotion as a way of conveying meaning



Historical Thinking

Using tools like sourcing and close reading to unravel the past



Geography

Learning to read maps, identify landforms and navigate the natural environment



First Americans

Analysing the travels, traditions and innovations of America's Native peoples



Age of Exploration & Colonization

Assessing the impacts of the linking between Old and New Worlds



Immigration

Understanding the factors that compel people to migrate and the sacrifices they must make



Colonial America

Discovering the origins of the 13 Colonies and the lasting impact of slavery



Revolution & Constitution

Tracing the causes, events and legacies of the American Revolution



The Scientific Method

Developing a scientific understanding of the world around us; Formulating hypotheses and comparing them to the results



Engineering Method

Learning to examine, observe, create, build, test, and go back in the stages when needed



Meteorology & Atmosphere

Experimenting & modeling about density and air pressure; Building a 3D model of the 5 layers of the atmosphere; Collecting data about weather of a specific region; Hands on experience to understand Bernoulli's principle and Archimedes' principle



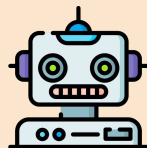
Model Science Fair

Choosing a science or engineering topic to research; Following a scientific or engineering protocol to produce the materials to present



Coding

Applying all the computer science and *Scratch* knowledge to create stories and games



Robotics

Programming robots; Solving complex robotics challenges



Real Life Engineering

Exploring many different alternatives to solve the same challenge via teamwork & collaboration; Applying those skills toward solve real-world dilemmas; building of a mezuzah

Conversational Hebrew שיחה בעברית

Developing acute listening comprehension; using words we have learned in every-day speech; expressing ourselves in Hebrew; Using newly-learned vocabulary in conversation; asking questions, making presentations in Hebrew, conveying a message.

Reading קריאה

Honing letter and sound recognition; reading words and sentences smoothly;
Strengthening reading comprehension;
Reading and analyzing books, poems & stories across types of genres; Reading with and without vowels, reading for pleasure, reading logs.

Writing כתיבה

Mastering letter formation in both print and script; sounding words out correctly, forming sentences; Writing paragraphs, stories and poetry; Answering questions in writing; typing in Hebrew, including writing emails, texts, letters & blogs

Vocabulary אוצר מילים

Expanding vocabulary to allow for simple conversation; gaining target vocabulary for subjects learned; learning vocabulary through context; finding to *shoresh* (root) and understanding vocabulary through word families; using the dictionary; Implementing newly learned vocabulary in conversation and writing

Grammar דקדוק

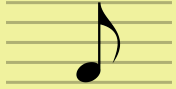
Making habits of correct sentence formation; utilizing male-female, singular-plural & putting elements together in a sentence never heard before;
Using *Shorashim* (roots), *binyanim*, word families, parts of speech, *begeid kefet* letters, and grammar absorbed through conversation & writing

Israeli Culture תרבות ישראלית

Familiarizing with important people in Israeli history including writers, leaders, composers & humanitarians;
Learning Israeli games, songs, folk dances, Israeli food, expressions, phrases & slang; Creating ceremonies memorializing holidays

Literature & Poetry ספרות ושירה

Analysing hebrew literature & poetry; learning about the great Hebrew authors, poets and composers; noticing rhymes, foreshadowing, imagery, metaphors, motifs, similes, onomatopoeia & personification; Writing our own stories and poems.



Trope

Learning the purpose of chanting Torah and the key groups of trope



Creation Stories

Reconciling the Torah's two tales of Genesis



Abraham & Jacob

Using Torah text and our skills in geography to pinpoint the lost cities of the Bible



The First Jewish Migration

Understanding the perils and triumphs experienced by the first Jews to come to America



Leading the Torah Service

Preparing D'rashot and grasping the roles of the Torah Service



Tzedakah: Community Service Projects

Researching a cause and enacting a focused mission of making a change



Milestone

Leading the Torah Service, reciting Torah, and addressing the community



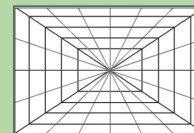
Looking out the Window

Depicting one's own self as imagined through deep self-reflection



Found Poetry

Taking existing words and bringing out the poetry and art hidden within



One-Point Perspective

Visual art originating from a single point on the canvas



Calder & Kinetic Art

Crafting art pieces that move, mobiles and more



Yads

Preparing Torah reading tool in advance of the Milestone



Free Creation

Pursuing a project of one's own personal interest and a chosen medium

Music Curriculum: 5th Grade



Course Overview: Keyboard & Intro to Modern Band

This grade level curriculum introduces electric band instruments in preparation for modern band. Students have the opportunity to dive deeper into their learning and earn the privilege to play new musical instruments.

Curriculum Units:

<p>Keyboard (basic skills)</p>	<p>Adv. Theory (keys & scales)</p>	<p>Electric Bass</p>	<p>Intro to Drum Set</p>	<p>Modern Band & Performance</p>	<p>Rock/Pop Repertoire</p>
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Flag Football

Rules, fundamental skills: passing, catching, running, flag pulling, general structure of the game. Strategic concepts.



Soccer

Basic fundamentals: passing, dribbling, movement without the ball. Strategic attacking & positioning



Basketball

Rules, fundamental skills: passing, dribbling, shooting, rebounding, defensive positioning, structure of the game. Advanced strategic concepts



Olympic Handball

Fundamentals of the game. Similarities to American sports? Differences? Intersport strategic implementation.



Field Games

Application of skills required for common field games such as Capture the Flag.. Familiarization of fundamental tactics.



Team Building

Skills both social & physical required to work effectively as a team through activities designed to increase motivation and promote cooperation



Street Hockey

Basic fundamentals: passing, shooting, puck-handling. Movement without the puck. Strategic positioning



Obstacle Course

Combination of all skills and activities learned throughout the school year. Weaves into Lag B'omer