

# Mathematics

### 1st Grade



#### Numbers to 1 to 20

Counting, comparing, adding & subtracting numbers one through twenty; Making number stories



#### **Position**

Using pictures and ordinal planes to determine one's position and measures of distance



#### **Shapes**

Understanding the names & properties of common shapes; Grouping shapes



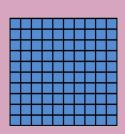
Length, Weight & Capacity

Comparing and measure length, weight & capacity of standard objects



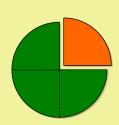
#### **Multiplication & Division**

Sharing, grouping and adding equal groups of numbers; Making coherent number stories



#### Numbers to 100

Working with 10's and 1's; Estimating, ordering, comparing, adding & subtracting



#### **Fractions**

Working with halves and fourths; drawing, shading and partitioning wholes



### Time & Money

Telling & estimating time; Recognizing values of bills & coins; "Shopping" with a given quantity



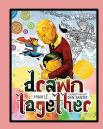
# Language Arts

## 1st Grade



**Vocabulary Development** 

Understanding the basic features of reading; interpreting and iterating understanding of letter patterns.



#### **Reading Comprehension**

Demonstrating comprehension strategies to interpret and analyze literature; Identifying and describing structural features of the text and the literary terms or elements.



#### Writing

Writing clear and coherent sentences and paragraphs that develop a central idea.



Written & Oral Language Conventions

Making meaning of written and oral English language conventions; Synthesizing information into complete thoughts expressed in writing



Listening & Speaking Strategies

Developing critical listening skills and responding appropriately to oral communication; Understanding and relating the essential ideas expressed in verbal communication



# **Social Studies**

## 1st Grade



#### Citizenship

Describing the rights and individual responsibilities of citizenship



#### Community

Describing the human characteristics of familiar places and the varied backgrounds of American citizens and residents in those places



#### **Economics**

Understanding basic economic concepts and the role of individual choice in a free-market economy



#### Geography

Comparing and contrasting the absolute and relative locations of places and people; describe the physical and/or human characteristics of places



#### **United States History**

Identifying and understanding the symbols, icons, and traditions of the United States that provide continuity and a sense of community across time.



## World History

Comparing and contrasting everyday life in different times and places around the world; recognizing that some aspects of people, places, and things change over time while others stay the same



#### Reading

Building letter recognition, decoding with *nikkud* (vowels), sight words, reading comprehension through the Tal-Am and I-Tal-Am program



#### Writing

Practicing formation (in print), sounding out words, writing short sentences, hands-on letter work & forming letters with our bodies and with nature



#### Grammar

Learning pronouns, singular & plural forms & subject-verb agreements



#### Speaking

Using learned vocabulary in everyday speech; introducing ourselves in Hebrew; Reviewing terms for calendar & weather in Hebrew



## Listening

Listening comprehension, answering questions in Hebrew, listening to stories from Tal-Am and classic Hebrew stories, and discussing them in class.



#### Israel & Holidays

Integrating Jewish Studies & Hebrew through reading and writing about our sacred traditions

## **Jewish Studies**

## 1st Grade



#### **Sacred Text Study**

Using sacred texts, including
Torah, liturgy, midrash, and
mishna, to deepen one's
understanding of Jewish thinking
and practice.



#### All School Tefillah

Partaking in communal prayer and gathering three times a week and for holidays to practice skills, songs, and to meet in community.



#### **Keshet of Kavod**

Learning character attributes aimed at developing greater social emotional and communal awareness through a Jewish lens.



#### **Chevruta Study**

Honing the ancient practice of partnered study to fully explore sacred texts.



#### Israel

Learning about the land, the language, the people, the sights, tastes, and smells of the country. Building love and connection to the country and its history.



## **Ritual Mastery**

Receiving their first siddur, learning how to be part of all school tefillah, Torah service, Kabbalat Shabbat and festival gatherings.



#### Siach

Prayerful morning meetings inspired by Jewish thought and liturgy that help set intentions for the day.



## Science/STEAM

## 1st Grade



#### The Scientific Method

Developing a scientific understanding of the world around us; Looking at the world with eyes of wonder



#### **Engineering Method**

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



#### **States of Matter**

Understanding what matter is; conducting firsthand experiments to understand molecular distribution



#### Weather & the Water Cycle

Experimenting with the water cycle, the season cycle, and the different elements of weather



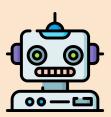
#### **PBL** with Aquatic Animals

Embarking on a student-led journey to discover and learn about the world of aquatic animals



### Coding

Incorporating more complex instructions with coding, including looping (repetition of sequences); Integrating concepts with math.



#### **Robotics**

Using robotics to learn about perimeter and areas



#### **Real Life Engineering**

Exploring many different alternatives to solve the same challenge via teamwork & collaboration



## 1st Grade



#### **Color Wheels**

Creating a color wheel with values, tones and shades



#### Warm & Cool

Crafting an art piece embracing warm and cool colors



#### Hanukkah Cards

Capturing the Hanukkah spirit on printed card-stock illustrations



#### Still Life

Learning the skills needed to create still life renderings



#### **Mixed Media**

Creating collage-style art out of an array of materials; learning about the masters



## **Acrylics**

Creating a canvas with acrylic paints

# Physical Education

## 1st Grade



#### **Playground Familiarization**

Understanding how to safely use the different structures; proper recess etiquette



#### **Basic Movement**

Running at different speeds.
Starting and stopping. Jumping
while on the run. Changing
directions & body control



## Coordination: Throwing & Catching

Simple fundamentals: give thrower a target. Stepping into our throws. Catch with our whole body.



#### **Parachute**

This lesson teaches students about following specific instructions, safety, working as a team, and having fun!



#### **Gross Motor Skills**

Focus on skills that require coordination of the whole body, helps with flexibility, agility, and confidence



## Fundamentals of Core Sports

Introducing key fundamentals of various sports like soccer, baseketball, playing baseball with a tennis racket and ball



#### **Obstacle Course**

Combining gross motor skills learned throughout the school year, woven into Lag B'omer



## Music Curriculum: 1st Grade





## **Course Overview: Setting the Foundations**

The goal at this grade level is to set the foundation for the entire music program as we introduce the xylophone and the hand drum. Every class will have a combination of singing songs, learning to play a rhythmic instrument and a melody instrument, and will include basic music theory.

## **Curriculum Units:**

Xylophone	Theory 101	Drum 101	Intro to T'fila	Hebrew Song Repertoire	Holidays Song Repertoire
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