

### Numbers to 10,000

Understanding the concepts of place value, rounding, estimating and number patterns



### Addition & Subtraction

Solidifying skills in addition & subtraction; Solving word problems by visualizing and using bar models



### Multiplication & Division

Operating with single- and multi-digit numbers; Illustrating problems via bar models



### Money

Operating with units of money; Grasping the basic concept of decimals; Tackling real-world problems



### Fractions

Comparing & ordering fractions; Adding & subtracting fractions with unlike denominators; utilizing bar models



### Time

Telling time down to precise minute; Determining time elapsed between two events



### Geometry

Examining area, perimeter & surface area; Using square units & finding missing values



### Data Analysis

Expressing, ordering & interpreting data; Making assertions about the meaning of data sets



### Building a Reading Life

Cultivating the habits of successful reading; Learning strategies to self-check for comprehension; Building our reading level by seeking out more challenging reads



### Book Clubs

Deepening our understanding of the text through teamwork & discussion; taking on rotating responsibilities that help to illuminate the vocabulary and themes



### Native American Myths & Legends

Extracting morals & ideas from the stories that long preceded us; Applying our methods in midrash toward examining texts



### Reading to Learn

Learning to absorb and synthesize information in expository texts; building a mindset of openness towards new information and ideas



### Character Study

Embracing new characters as new friends; Examining the mountain-like shapes of stories; Learning valuable lessons alongside characters



### Narrative Writing

Developing the voice of a storyteller; understanding how story differs from summary

Learning the steps involved in the process of writing—how to write multiple drafts, each improving on its predecessor

Crafting stories that impart enduring lessons unto their readers



### Myths & Legends

Using the myths and legends of native peoples to inform our own written works

Writing stories that explain the mythical origins of natural phenomena; Building morality into tales

Seeing myths as instructive & normative texts, not necessarily as literal texts

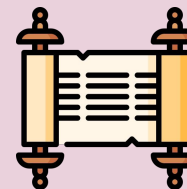


### Persuasive Writing

Identifying our audience, tone and purpose in writing; Employing strong language to evoke readers' emotions

Appreciating that writers can make a difference when informed and passionate about a cause

Crafting persuasive pieces that argue for the worthiness of particular tzedakah projects



### The Midrash

Seeing the Torah as a story from which we can generate ideas, wage discussions and write interpretive texts

Searching for textual evidence that corroborates our own interpretations of text

Identifying the overarching story of the text; Writing with the intention of exposing meaning, ethics and themes



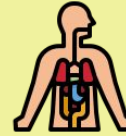
### The Scientific Method

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



### Human Body

Examining the human skeleton, joints, and biometrics; Learning from evolution and *midrashim* of creations; Envisioning the next step in human evolution



### Lunar Calendar

Keeping a lunar journal, learning about the lunar cycle, and making the connections to the Jewish calendar



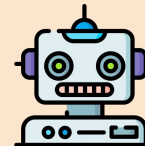
### Space

Studying the solar system, the star cycle & classifications; Researching about a specific planet and creating an alien who can live there; Learning about space exploration



### Coding

Incorporating more complex instructions while coding, including complex looping and conditionals



### Robotics

Familiarizing with robots & their programming; Collaborating to solve 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



### Sifting Soil

Discovering the composition of soil and assessing its health



### Plant & Trees

Exploring the anatomy of seeds, plants & trees; Observing seed growth and sowing in the garden



### Outdoor Gardening

Understanding the basic necessities of life: sun, soil, water & air



### Workings of Roots

Observing how roots react to water and how certain plants connect to each other and solid structures



### Changes in the Garden

Documenting changes in garden, including sprouting of plants & weeds; Learning to weed.



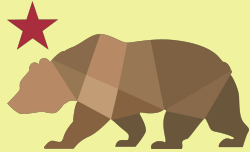
### Tu B'Shvat

Examining the parts of a plant, especially in relation to what we eat & use; Exploring Jewish texts related to the plants of Israel



### Bread & Grain

Appreciating the place of grain in the history of human society; planting & harvesting of barley & wheat in the garden



### California's Regions & Communities

Asking what comprises a community and what defines the one to which we belong.

Exploring how the place in which we live—its environment and human capital—affect *how* we live.

Becoming familiar with California's four geographical regions: Mountains, Valley, Deser & Coast



### Ohlone Peoples & The Kibbutz Project

Examining the artifacts, family structures, stories and sacred traditions of the California Ohlone peoples.

Appreciating the diversity and historicity of our own local community.

Discovering the Israeli *Kibbutz* system of life; Embracing the songs, traditions & systems that define communal life in *kibbutzim*.

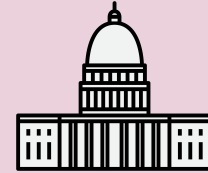


### Service Learning & Local Nonprofits

Researching the people and organizations that are improving our community and how they are doing it.

Developing our own plan of community service action in collaboration

Using charitable giving as a lens through which we can understand the basics of economy



### Government

Learning the functions of the three branches of government with an emphasis on local government.

Establishing the reasoning for laws and their roles in a functioning society.

Recognizing native peoples' systems of government as both unique and directly related to American democracy.



### Hebrew Script (A Review)

Working toward mastery of Hebrew script; preparing to write assignments using proper script



### Holidays

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



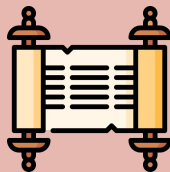
### Creative Writing

Learning the basics of self-expression through Hebrew jokes, poems, short stories & more



### Grammar

Learning pronouns, singular & plural forms, word roots & beginnings of verb tense



### Parashot & Drashim

Reading & analyzing parasha in chevruta study; Develop drash interpretations of meaningful texts



### A Taste of Israeli Culture

Getting a small appreciation for Israeli history, the workings of Kibbutzim; Learning songs related to holidays, winter & the garden.

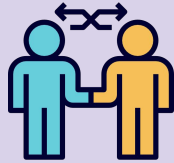


### Shacharit (Morning Service)

Examining & mastering the prayers of Shacharit.

Learning & reciting parts at home & at school.

Thinking about how our *Keva* (form) and our *Kavanah* (intention) change when we pray alone versus with our community.



### Chevruta Study

Allowing the Tanakh to connect us to our Jewish past and to our community.

Asking questions in order to deepen our understanding of text.

Wrestling with challenging ideas; learning in partnership with each other in order to broaden our perspectives.



### Tzedakah & Mitzvot

Reading about the commandments that compel us towards fulfilling *mitzvot*.

Researching and undertaking *tzedakah* projects that reach out into the community to make a positive impact.

Collaborating as a class to agree upon and execute the best course of charitable action.



### Chaggim

Learning about the various Jewish holidays as they occur throughout the year.

Using song, dance, cooking & art as means of connecting ourselves with ancient traditions.

Discussing and enacting the central value of each of the *chaggim* within our class and our community.





### Reflection Self-Portraits

Rendering self-portraits based off the work of Hanoch Piven



### Alma-esque Abstract Art

Creating abstractions based off the work of Alma Thomas



### Vegetable Paintings

Painting the natural gifts of our garden



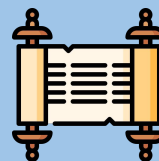
### Native American Art & Artists

Discovering the techniques and contributions of Native peoples



### 3D Shapes (and cakes)

Learning the intricate style of Wayne Thiebaud, building 3D cakes



### Milestone Art

Crafting pieces inspired from Torah and students' interpretations

# Music Curriculum: 3rd Grade



## Course Overview: Harmony

In this grade level we introduce a new important musical component - harmony. Students learn about its importance in western music and its relation to rhythm and melody.

### Curriculum Units:

Harmony (Theory 103)	Drum 103	Xylophone Ensemble	'Cousins Like Us' (musical)	T'fila Repertoire	Hebrew & Jewish Repertoire
-------------------------	----------	-----------------------	-----------------------------------	----------------------	----------------------------------



### Flag Football

Rules, fundamental skills: passing, catching, running, flag pulling, structure of the game



### Soccer

Basic fundamentals: passing, dribbling, movement without the ball. Develop simple schools relevant to the sport



### Basketball

Rules, fundamental skills: passing, dribbling, shooting, rebounding. Develop simple skills relevant to the sport



### 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. Drills and scrimmages to familiarize students with hockey in a safe environment.



### Obstacle Course

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