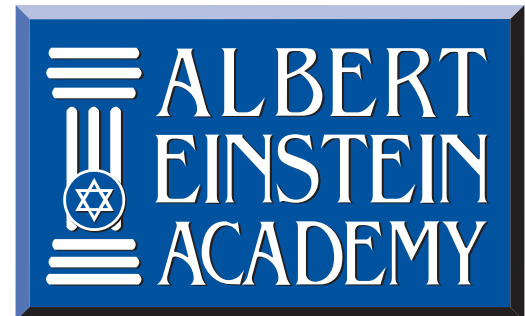


# CURRICULUM AT-A-GLANCE

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ALBERT EINSTEIN ACADEMY  
Wilmington, Delaware

# CURRICULUM AT-A-GLANCE



**The Albert Einstein Academy**, located on the beautiful 30 acre Jewish Community Center Campus in Wilmington, Delaware, is proud to present Curriculum At-A-Glance: highlights of the school’s curriculum for students in grades kindergarten through 6. Some items are best described as *skills taught*, others are best described as *topics taught*.

The content is part of a rigorous curriculum in Judaic and secular studies that is consistent with, and informed by, local district standards, and national benchmarks.

Curriculum content is presented and delivered at Einstein according to the school’s educational philosophy:

- A child-centered, hands-on environment, in which students learn by doing and discovering, working both independently

and in cooperative partnerships and groups

- Individuated activities that challenge students who have diverse talents, abilities, and learning styles
- Developmentally appropriate activities that take children from concrete experiences to abstract thinkers
- Spiraled learning, emotionally built upon prior knowledge, which promotes depth as well as breadth in the curriculum
- Cross-disciplinary units which integrate subject matter in Judaic and secular studies as well as the arts
- Learning opportunities presented by the broader community, including visiting speakers and performing groups as well as field day and overnight field trips

# ENGLISH LANGUAGE AND LITERACY SOCIAL STUDIES

## OVERVIEW

### READING AND LITERATURE

Immerse in quality literature  
Read for pleasure and information  
Analyze, interpret, actively engage with text  
Expose to different authors’ styles

### WRITTEN LANGUAGE

Process writing: drafting, conferencing, revising, editing, publishing  
Creative and expository writing  
Grammar, vocabulary, spelling  
Writing mechanics

### SOCIAL STUDIES

Historical perspective  
Geography and its influences on culture  
Integration with other curricular disciplines  
Values of *tikkun olam* and *derekh erez*  
American holidays

## Gan (Kindergarten) →

## Grade 1

### READING AND LITERATURE

Listen to stories on Jewish and secular themes  
Retain information  
Answer questions related to stories; setting, characters, storyline, content  
Identify book elements: author, illustrator, title  
Learn upper/lower case letters, letter-sound correspondences

Introduce concepts such as: alliteration, rhyming, punctuation, syllables, word segments, compound words, directionality through shared and small groups  
Develop vocabulary  
Refining fine motor skills through Handwriting program

### WRITTEN LANGUAGE

Write words and stories with inventive spelling and pictures  
Write in journals with inventive spelling  
Use upper and lower case letters, punctuation, spacing  
Create classroom books and rewriting stories by sequencing stories - beginning, middle, end

### SOCIAL STUDIES

School rules, fire and personal safety  
Geography: maps and map symbols, different types of maps, directionality; arrows  
Friends: respect for all, understanding differences between people  
History: Abraham Lincoln, George Washington, and Martin Luther King, Jr.  
Holidays and special occasions  
Seasons  
Community helpers

### READING AND LITERATURE

Understand directionality, phonemic awareness  
Build core sight vocabulary  
Retell simple story in sequence  
Develop literature analysis  
Follow simple written directions  
Expand vocabulary: root words, antonyms, simple homophones  
Distinguish between reality and fantasy  
Engage in independent reading

### WRITTEN LANGUAGE

Write words, phrases, sentences  
Use punctuation and spacing  
Capitalize sentence beginnings and proper nouns  
Mix conventional and inventive spelling  
Summarize ideas; gather and record data  
Write original stories and poems  
Develop independent writing

### SOCIAL STUDIES

Basic Needs of Living Things: air, water, food, shelter, protection  
Friends and Family, Holidays  
Multiculturalism  
Map skills

## Grade 2 →

## Grade 3

### READING AND LITERATURE

Read silently with comprehension  
Identify story elements: plot, setting, characters  
Classify stories by genre  
Read orally with expression  
Learn syllabication rules, root words and affixes  
Use table of contents, dictionary  
Spelling: continue study of phonics  
Begin learning steps of research project

### WRITTEN LANGUAGE

Write short stories with central ideas  
Sequence stories  
Learn letter writing  
Use simple story maps  
Use punctuation  
Experience simple revisions: proofread, edit  
Develop handwriting; lower and upper case print

### SOCIAL STUDIES

Understand nouns and verbs  
Use descriptive language: answering who, what, where, when, how and why

### SOCIAL STUDIES

Self  
Colonial Kids  
Ruby Bridges & Rosa Parks/Civil Rights Movement (done during Black History Month)  
Martin Luther King, Jr.  
Geography and Map skills - Travel Journal includes state animal reports

### READING AND LITERATURE

Identify main characters; understand character development  
Infer ideas; identify main idea; summarize important details  
Validate opinions by citing examples  
Distinguish fiction from non-fiction  
Use resources: glossary, Internet, thesaurus, index, atlas, encyclopedia  
Read creation myths, biographies, fiction, historical fiction  
Understand grammar: parts of speech, nouns, pronouns, proper nouns, adjectives, verbs, types of sentences and punctuation: periods, question marks, exclamation points, commas, quotation marks and apostrophes

### WRITTEN LANGUAGE

Organize information for research project  
Begin to learn process for research papers and presentations  
Use topic sentences, develop ideas  
Self-edit for punctuation and spelling  
Organize papers with headings, margins  
Use standard spelling with some frequency  
Learn Handwriting Without Tears: Cursive  
Write paragraphs with topic sentence, supporting sentences, and closing sentence  
Write five paragraph essays

### SOCIAL STUDIES

Delaware  
50 states  
native Americans  
Map skills

**Grade 4 →**

**READING AND LITERATURE**

Read and write with fluency  
 Read historical fiction related to Colonial, Revolutionary War and pioneer periods  
 Learn poetry: metaphor, simile  
 Identify theme, point of view, turning point, climax  
 Read for information, identify and look up unfamiliar vocabulary words  
 Use resources: almanac, encyclopedia, web sites  
 Examine author’s use of language  
 Develop vocabulary, spelling and grammar skills

**WRITTEN LANGUAGE**

Utilize literacy devices  
 Write paragraphs with topic, supporting, concluding sentences  
 Develop characters in story writing  
 Practice genre writing: personal narrative, memoir, fiction, essay, poetry  
 Use commas, quotation marks, contractions, possessives, compound words  
 Create research papers

**SOCIAL STUDIES**

Early settlers  
 Colonial America through the Revolutionary War  
 Map skills  
 Early migration to North America  
 Explorers

**Grade 5**

**READING AND LITERATURE**

Use reading strategies to construct meaning  
 Develop reading comprehension: use higher thinking skills of abstraction, synthesis  
 Retell or summarize a passage  
 Identify an author’s purpose  
 Identify plot, theme, setting, character attributes  
 Identify and utilize basic figurative language  
 Use research skills: cull important information from varied resources on specific topics

**WRITTEN LANGUAGE**

Write unified, coherent paragraphs  
 Provide an engaging beginning, middle, and ending  
 Support ideas with details  
 Use appropriate transitions for coherence  
 Demonstrate experimentation with techniques, including dialogue  
 Express opinions and points of view in content areas  
 Initiate proofreading more independently  
 Identify focused research topics  
 Experience a variety of research projects

**SOCIAL STUDIES**

Map skills  
 Current Events  
 Articles of Confederation  
 The Constitution  
 Westward Expansion  
 The Louisiana Purchase  
 The War of 1812  
 The Industrial Revolution  
 Regional Disagreements  
 Slavery  
 The Underground Railroad  
 Women’s Rights  
 Abraham Lincoln  
 The Civil War  
 Reconstruction  
 The Rise of New Industries  
 Immigration

**Grade 6**

**READING AND LITERATURE**

Use reading strategies to construct meaning  
 Continue fluent and independent reading of all genres of literature  
 Retell or summarize longer passages  
 Discover themes and analyze characters  
 Identify and utilize figurative language  
 Utilize research skills

**WRITTEN LANGUAGE**

Master five stages of writing process through variety of writing genres  
 Increase independent proofreading and editing skills  
 Support ideas with details  
 Use appropriate transitions  
 Demonstrate experimentation with techniques, including dialogue  
 Refine research skills

**SOCIAL STUDIES**

Knowing about:  
 The past  
 Early people  
 Village life  
 Ancient Egypt  
 Ancient Greece  
 Rome  
 Birth of Judaism  
 Birth of Christianity  
 Middle Ages and Renaissance  
 World Geography and continents

**SCIENCE AND MATHEMATICS**

**OVERVIEW**

**SCIENCE**

Hands-on and inquiry based  
 Observation, investigation and discovery  
 Scientific thinking, methods, process  
 Concrete experiences leading to conceptual understanding  
 Integrated with other curricular disciplines

**MATHEMATICS**

Conceptual problem solving approach  
 Mastery of number facts and algorithms  
 Manipulative and hands-on activities  
 Computation and estimation skills  
 Measurement, geometry, probability and statistics, patterns

**Gan (Kindergarten)**

**SCIENCE**

Experimentation and hands-on exploration  
 Make predictions; explore nature through investigation and observation  
 Units include: Healthy Bodies/Nutrition, Animals, Five Senses, Rocks, Magnets, Dinosaurs and Plants

**MATHEMATICS**

Count by rote to 100 and backwards from 20, understand one-to-one, 100s day activities  
 correspondence to 10; count by 10s  
 Understand measurement, time, shapes, graphing, simple addition, subtraction sentences  
 Estimate and order quantities  
 Money concepts  
 Understand more, less, equal  
 Use measurement tools in class and play  
 Introduce balance scale, calculator, ruler, tape measure  
 Understand patterns, functions and sequences  
 simple place values: 1s and 10s

**Grade 1 →**

**SCIENCE**

Solids and liquids  
Weather  
Amphibians – characteristics/habitats/lifecycle

**MATHEMATICS**

Read, write compare whole numbers  
Write numerals to 100, money, telling time to the hour, half hour  
Count by 2s, 5s, 10s and 25s  
Learn addition, subtraction through 20

Use ruler, scale, thermometer to measure  
Learn fractions, geometry  
Experience multiplication and division readiness  
Introduce algebraic concepts

**Grade 2**

**SCIENCE**

Soils and Worms  
Sound  
Anatomy and Function of the Heart  
Balancing and Weighing  
Life cycle of butterflies

**MATHEMATICS**

Demonstrate use of data, measurement, money  
Master addition, subtraction math facts  
Write numerals to 1000. Add and subtract one- and two-digit numbers to 100  
Add and subtract multi-digit numbers requiring regrouping  
Skip count by 2s, 3s, 5s, 10s

Use diagrams for solving problems  
Create picture, bar and line graphs  
Learn fractions and geometry  
Tell time to the precise minute  
Introduce algebraic concepts  
Introduce multiplication arrays and equal sharing (division)

**Grade 3 →**

**SCIENCE**

Plant growth and development  
Rocks and minerals  
Solar System

**MATHEMATICS**

Add and subtract multi-digit numbers requiring regrouping  
Use multiples, multiplication facts  
Use dividers, division facts  
Begin multi-digit multiplication

Explore fractions, scale drawings  
Estimate distances, areas  
Change to common units of measurement  
Understand place value of whole numbers into decimals up to thousandths place

**Grade 4**

**SCIENCE**

Electric circuits  
Land and water  
Skeleton

**MATHEMATICS**

Understand problem solving  
Understand place value numeration and order relations  
Master multiplication and division  
Understand positive and negative numbers  
Order fractions

Write equivalent fractions  
Compare, order and join angles  
Measure distances using map scale  
Learn geography, perimeter area, graphing  
Introduce algebraic concepts

**Grade 5 →**

**SCIENCE**

Floating and sinking  
Simple machines  
Human body

**MATHEMATICS**

Use geometric formulas for area  
Evaluate simple algebraic expressions  
Use variables as representations  
Multiply and divide fractions

Understand and identify prime, composite and square numbers  
Translate between exponential and standard notations  
Practice operations, mental math and number systems

**Grade 6**

**SCIENCE**

Human Sexuality  
Mixtures and solutions  
Micro worlds  
Food Chemistry

**MATHEMATICS**

Master arithmetic operations and apply to real world situations  
Use variables in patterns, formulas and as unknowns in problems

Represent variables on both a number line and a coordinate plane  
Learn basic algebra skills  
Connect geometry to arithmetic, measurement and algebra

## JUDAIC STUDIES

### OVERVIEW

#### HEBREW

At AEA, we instill a love for the Hebrew language. The students are exploring reading, writing, and speaking Hebrew according to level. Classes are conducted in Hebrew regularly.

#### JEWISH HOLIDAYS

Jewish holidays are central to Jewish life. Most holidays have historical and natural origins, and there are many holidays throughout the year. Holidays are family and home oriented with special rituals, special prayers, and special foods. We teach the children about the different holidays with the hope that what is taught reinforces rituals at

home. Many of the holidays are activity oriented with plays or special services in which the children participate, and the stories surrounding the holidays are natural sources of material for geography, history and language, so this part of the curriculum reinforces the whole.

## JUDAIC STUDIES

### OVERVIEW

#### BIBLE STUDIES

All students study Parshat Ha-Shevuah on Monday and Thursday during morning prayers. Each grade studies Bible according to its own curriculum.

#### SOCIAL STUDIES

Students study the history of the Jewish people, the geography of Israel, and the cultures of the Middle East according to level.

#### COMMUNITY INVOLVEMENT

The students are involved in community service throughout the year and a number of different projects, both locally and in Israel. The Student Council actively coordinates campaigns and drives based on themes, issues and causes.

#### PARENT EDUCATION

The Jewish Studies Director, working with the teachers and parents, designs Parent Education for every grade. Parents join their children at school during the year to study different subjects.

### Gan (Kindergarten) →

#### HEBREW

Recognize the Hebrew alphabet  
Follow simple directions in Hebrew  
Construct simple sentences  
Use vocabulary that describes familiar context and objects

#### JEWISH HOLIDAYS

Learn holiday stories, rituals and prayers  
Participate in plays and special services  
Emphasize history, geography and language  
Study the rituals and importance of Shabbat

#### BIBLE STUDIES

Study the Bible from Creation through Moses  
Emphasize storytelling

#### SOCIAL STUDIES

Simulate a trip to Israel

#### COMMUNITY INVOLVEMENT

Visit senior citizens at the Jewish Community Center  
Share stories with their "elder buddies"

#### INTEGRATED UNIT

Study different animals in the Animal Kingdom

#### PARENT EDUCATION

Study the magic of Shabbat, its customs, prayers, blessings and rituals

### Grade 1

#### HEBREW

Identify and write Hebrew letters and vowels in cursive and print  
Sight read familiar vocabulary from school and home  
Learn interrogative forms  
Recognize masculine and feminine forms in simple conversations  
Recognize singular and plural forms in simple conversations  
Write short stories  
Become familiar with prayers from the Siddur (the prayer book)

#### JEWISH HOLIDAYS

Learn holiday stories, rituals and prayers  
Participate in plays and special services  
Emphasize history, geography and language  
Study the rituals and importance of Shabbat and Havdallah

#### BIBLE STUDIES

Study the text of the Creation  
Discuss people's relation with G-d through music and stories  
Reinforce the Torah portion of the week  
Receive the first Siddur in a school celebration

#### SOCIAL STUDIES

Share children stories about Israel from Israeli authors  
Introduce children to names of cities, life on a kibbutz, the national anthem, etc.

#### COMMUNITY INVOLVEMENT

Visit a local synagogue and meet the rabbi, cantor, synagogue-educator and other professional staff

#### INTEGRATED UNIT

Study frogs in Bible and Science

#### PARENT EDUCATION

Share ways to perform mitzvot (good deeds) at home such as creating peace in the home, caring for the environment, showing compassion for animals, nurturing respect for parents and children, and so on

## Grade 2 →

**HEBREW**

Read fluently with vowels  
 Know vocabulary drawn from textbook and other readings  
 Tell simple stories from pictures  
 Continue to learn rule of grammar  
 Write with ease in cursive  
 Read prayers and blessings from the Siddur

**JEWISH HOLIDAYS**

Learn holiday stories, rituals and prayers  
 Participate in plays and special services  
 Emphasize history, geography and language  
 Study the rituals and importance of Shabbat and Havdallah

**BIBLE STUDIES**

Study the Book of Genesis up to *The Life of Sarah*  
 Reinforce the Torah portion of the week  
 Receive the Torah in a school celebration

**SOCIAL STUDIES**

Learn about major cities in Israel  
 Study the diversity of Israeli people and cultures  
 Review the basic geography of Israel  
 Begin to develop map skills

**COMMUNITY INVOLVEMENT**

Learn about the mitzvah of being compassionate to animals  
 Visit and work in a community animal shelter and a community zoo

**INTEGRATED UNIT**

Butterflies and other insects  
 Read stories and poems about butterflies in Hebrew

**PARENT EDUCATION**

Learn about the Torah, who writes it, how it is written, and the portion of the week.

## Grade 3

**HEBREW**

Read Hebrew easily with vowels  
 Know vocabulary drawn from textbook and other readings  
 Understand and use present tense in writing, speaking and reading

Learn proper grammar including:

- Plural and singular
- Masculine and feminine
- Pronouns and adjectives

Write short stories and poems

Describe pictures verbally and in writing

Read prayers and blessings from the Siddur

**JEWISH HOLIDAYS**

Learn holiday stories, rituals and prayers  
 Participate in plays and special services  
 Emphasize history, geography and language  
 Study the Ten Commandments

**BIBLE STUDIES**

Study the Book of Genesis – Parashiot (Genesis portions)

- |            |          |          |
|------------|----------|----------|
| Toldot     | Vayeshev | Vayigash |
| Vayishlach | Miketz   | Vayechi  |

Reinforce the Torah portion of the week

**SOCIAL STUDIES**

Review Israeli social structure and geography, including the children of Israel and Jerusalem  
 Study peace and security in the Middle East

**COMMUNITY INVOLVEMENT**

Support people with illness through volunteer efforts  
 Visit a school for children with disabilities

**INTEGRATED UNIT**

Study trees and vegetation

**PARENT EDUCATION**

Study the Ten Commandments

## Grade 4 →

**HEBREW**

Understand directions given in Hebrew  
 Read Hebrew easily with vowels  
 Provide written or verbal answers to questions drawn from Hebrew texts

Read simple articles from Hebrew sources

Write daily journals

Take risks writing commentaries

Continue to learn proper grammar including

- Plural and singular
- Masculine and feminine
- Pronouns and adjectives

Read familiar prayers and blessings, adding to those from earlier grades

Write short stories, poems, and book reports

Emphasize correct grammar and vocabulary

**JEWISH HOLIDAYS**

Learn holiday stories, rituals and prayers  
 Participate in plays and special services  
 Emphasize history, geography and language  
 Study and celebrate the rituals of different ethnic groups in Israel

**BIBLE STUDIES**

Study selected Sidrot from the book

- |                    |                      |
|--------------------|----------------------|
| Shmot (Exodus)     | Vaykrah (Leviticus)  |
| Bamidbar (Numbers) | Dvarim (Deuteronomy) |

Reinforce the Torah portion of the week

**SOCIAL STUDIES**

Review Israeli social structure and geography, including:  
 different ethnic groups Southern Israel  
 coastal cities Northern Israel  
 Study peace and security in the Middle East

**COMMUNITY INVOLVEMENT**

Collect food and funds for hungry families in Brandywine Valley  
 Visit a homeless shelter

**INTEGRATED UNIT**

Study water as an important force in nature

**PARENT EDUCATION**

Study different ethnic Jewish groups

**HEBREW**

Read Hebrew easily with and without vowels  
 Use simple Hebrew in daily situations  
 Use Hebrew in the study of Jewish history  
 Read from the original text of the Bible

Provide written or verbal answers to questions drawn from Hebrew texts

Read simple articles from Hebrew sources

Write daily journals

Continue to learn proper grammar including:

- Plural and singular
- Masculine and feminine
- Pronouns and adjectives

Read familiar prayers and blessings, adding to those from earlier grades

Write short stories, poems, and book reports

Emphasize correct grammar and vocabulary

**JEWISH HOLIDAYS**

Learn holiday stories, rituals and prayers  
 Participate in plays and special services  
 Emphasize history, geography and language  
 Study the Jewish lunar calendar

**BIBLE STUDIES**

Emphasize the life of the Jewish people after the death of Moses

Study the early prophets

- |        |        |
|--------|--------|
| Joshua | Dvora  |
| Samson | Judges |

Reinforce the Torah portion of the week

**SOCIAL STUDIES**

Study the history of the Jewish people through the 19<sup>th</sup> century  
 The Early Israelites - The Age of Hellenism  
 Roman Domination of Judea - Rabbinic Judaism

Judaism and Christianity  
 Babylonia - Medieval Europe  
 The Diaspora  
 Judaism and the Modern World  
 Anti-Semitism  
 U.S. Jewry, 1820-1890

**COMMUNITY INVOLVEMENT**

*Vehadarthah pnay zaken* (Respect elders)  
 Visit a local nursing home (goal = 8 visits per year)  
 Create a buddy system between students and elders  
 Engage in interactive activities throughout the year

**INTEGRATED UNIT**

Study the human body

**PARENT EDUCATION**

Study customs associated with Bar and Bat Mitzvah

## Grade 6 →

**HEBREW**

Read Hebrew easily with and without vowels  
 Use Hebrew in daily situations

Use Hebrew in the study of Jewish history

Read from the original text of the Bible

Provide written or verbal answers to questions drawn from Hebrew texts

Read articles from Hebrew sources

Write daily journals

Continue to learn proper grammar including:

- Plural and singular
- Masculine and feminine
- Pronouns and adjectives

Read familiar prayers and blessings, adding to those from earlier grades

Write short stories, poems, and book reports

Emphasize correct grammar and vocabulary

**JEWISH HOLIDAYS**

Learn holiday stories, rituals and prayers  
 Participate in plays and special services

Emphasize history, geography and language  
 Study Midrash and commentaries around the holidays

**BIBLE STUDIES**

Study the text of the Torah portion of the week

Study Prophets, including

- |        |                   |
|--------|-------------------|
| Samuel | Elijah            |
| Jonah  | The Story of Ruth |

**SOCIAL STUDIES**

Study 20<sup>th</sup> century Jewish history through Jewish Heroes  
 Study Israel today within a geopolitical context  
 Be aware of current events in the Middle East  
 Read and discuss articles about the Middle East from various media

Write commentaries

Study Jewish lifecycles

**COMMUNITY INVOLVEMENT**

Foster deeper understanding of different cultures  
 Arrange at least four visits each year to a parochial inner city school

Share information about the students' backgrounds and values

Explore how prejudice and discrimination impact the students' communities

Create a scrapbook of experience

**INTEGRATED UNIT**

Study human sexuality

**PARENT EDUCATION**

Life after Einstein – what's next for our children?

# MUSIC, ART, LIBRARY, PHYSICAL EDUCATION

## OVERVIEW

### MUSIC

Level appropriate theory (tonality, rhythm, harmony, reading/writing notation, form)  
Appreciation of varied musical genres and composers  
Knowledge of major folk and orchestral instruments  
Move/play instruments/sing expressively to music  
Sing with correct pitch and consistent tempo

### ART

Experimentation with a variety of art media to build skills and expand imagination and creativity  
The elements of design and the principles of design  
Art history; artists and styles  
Jewish holiday arts

### LIBRARY

Lifelong learning and love of reading; informational literacy; literature appreciation  
Library procedures, research skills  
Information support for whole school  
Locating books  
Care of books  
Collaborative units with classroom teachers

### PHYSICAL EDUCATION

Motor skills, physical fitness  
Teamwork and sportsmanship  
Student involvement in sports  
Flexibility and endurance  
Swimming: basics at all grade levels

## Gan (Kindergarten)

### MUSIC

Sing folk songs from various cultures  
Play/tap steady beat to music  
Sing tonal and rhythm patterns  
Move appropriately to music (loud/soft, slow/fast, happy/sad)  
Develop aural skills through listening activities and stories  
Develop gross motor skills through movement games  
Derive sense of enjoyment from making music

### ART

2-D and 3-D materials explorations emphasizing enjoyment of process  
Development of manipulative skills with a variety of art materials  
Seasonal and Judaic projects according to the calendar  
Introduction to a major artist or illustrator  
Interdisciplinary projects with other curriculum areas

### LIBRARY

Stories about Jewish holidays and secular themes; storytelling activities  
Authors and illustrators

Library orientation  
Develop listening skills  
Different types of books: True vs. Made Up  
Choosing and borrowing books

### PHYSICAL EDUCATION

Introduction to basketball skills: dribbling, shooting, passing, receiving and introduction to defense  
Introduction to soccer skills: dribbling, shooting/kicking, passing, receiving and throw-ins  
Introduction to tee-ball/baseball skills: throwing, catching, hitting, base running and positioning

Introduction to Newcomb: throwing, catching, positioning, utilizing teammates, scoring and rules of the game  
Introduction to hockey skills: dribbling, passing, receiving and shooting  
Introduction to lacrosse skills: scooping, passing, receiving and throwing  
Introduction to aerobics: low impact movement/spatial awareness, cardiovascular endurance  
Introduction to gymnastics and the following equipment: balance beam, parallel bars, floor/tumbling mats, rings and safety concerns

## Grade 1

### MUSIC

Sing folk songs from various cultures  
Play/tap steady beat to both duple and triple metered music  
Move expressively to music  
Continue to develop aural skills through listening activities  
Continue to develop language skills through song and chant  
Reinforce gross motor skills through simple dances  
Draw graphic notation representative of music or sound  
Develop fine motor skills through finger play and small movement activities  
Derive sense of enjoyment from making music

### ART

2-D and 3-D art materials explorations emphasizing process  
Development of manipulative skills with a variety of art materials  
Seasonal and Judaic projects according to the calendar  
Introduction to a major artist  
Interdisciplinary projects with other curriculum areas

### LIBRARY

Literature on Jewish themes and secular themes  
Differentiation between fiction/non-fiction  
Identify parts of a book  
Choosing books including easy readers  
Author study

Collaborative Jewish book month project  
How library is organized  
Build on previous skills  
**PHYSICAL EDUCATION**  
Practice Gan basketball skills, as well as build knowledge of the rules of the game: traveling, double dribble, out of bounds and trying not to make contact with the opposing players  
Practice Gan soccer skills and begin learning the rules of the game: Hand-balls, goalies, spatial awareness and sportsmanship  
Practice Gan tee-ball/baseball skills and begin learning the rules of the game: strikes, balls, fouls, outs and positioning  
Practice Newcomb skills and play the

game  
Review Gan hockey skills and begin learning the rules of the game: role of goalies, spatial awareness and sportsmanship  
Review Gan lacrosse skills and begin learning the rules of the game: role of goalies, spatial awareness and sportsmanship  
Introduction to aerobics: low impact movement/spatial awareness, cardiovascular endurance  
Introduction to gymnastics skills and safety

## Grade 2

### MUSIC

Continued singing with added simple rhythm instrument accompaniment  
Play/tap rhythm patterns to duple and triple meters  
Distinguish major/minor and duple/triple in music  
Perform simple circle dances of various cultures  
Develop discriminatory hearing through listening activities  
Learn to recognize and describe roles of major orchestral and folk instruments  
Develop fine motor skills through movement activities music  
Draw graphic notation representative of music or sound  
Derive sense of enjoyment from making music

### ART

Introduction to visual components of art/design (line, shape, form, color, value, etc.)  
Use of manipulative skills to create expressive works  
Introduction of arts vocabulary to describe and interpret art works  
Seasonal and Judaic projects according to the calendar  
Introduction to a major artist  
Interdisciplinary projects with other curriculum areas

### LIBRARY

Jewish and secular themes  
Author study: Shel Silverstein  
Collaborative book making project  
Folk tales, poetry  
Title page  
Library terms  
Building on previous skills  
**PHYSICAL EDUCATION**  
Review 1<sup>st</sup> grade basketball skills, as well as build knowledge of the rules of the game: traveling, double dribble, out of bounds and trying not to make contact with the opposing players  
Review 1<sup>st</sup> grade soccer skills and begin learning the rules of the game: hand-balls, goalies, spatial awareness and sportsmanship

Review 1<sup>st</sup> grade tee-ball/baseball skills and begin learning the rules of the game: strikes, balls, fouls, outs and positioning  
Practice Newcomb skills and play the game  
Practice hockey skills and begin learning the rules of the game: role of goalies, spatial awareness and sportsmanship  
Review 1<sup>st</sup> grade lacrosse skills and begin learning the rules of the game: spatial awareness and sportsmanship  
Introduction to aerobics: low impact movement/spatial awareness, cardiovascular endurance  
Enhance gymnastics skills and safety

## Grade 3 →

**MUSIC**

Accompany songs with sung harmony and/or rhythm instruments

Use solfege to sing and create tonal patterns in major and minor keys

Use rhythmic language (pre. Gordon Method) to chant and create rhythmic patterns in duple and triple meters

Perform music as an ensemble using increasingly more complex rhythmic diversity between parts

Perform increasingly more complex circle/partner dances to various musical styles

Identify major orchestral and folk instruments by sight and/or sound

Perform tonal and rhythm patterns on recorder

Perform simple melodies with appropriate accompaniment on recorder

Notate simple rhythm patterns in both duple and triple meters

Derive sense of enjoyment from making music

**ART**

Introduction to organizational components of art/design (pattern, composition, movement, etc.)

Application of manipulative skills to create expressive works

Use of arts vocabulary to describe and interpret meaning in art works

Seasonal and Judaic projects according to the calendar

Study of a major artist and arts from diverse cultures

Interdisciplinary projects with other curriculum areas

**LIBRARY**

Caldecott winners

Biographies

Literature related to social studies

Dewey decimal System

Fairy tales

Indexes, table of contents

Building on previous skills

**PHYSICAL EDUCATION**

Sharpen and build basketball skills and rules learned in Gan-2<sup>nd</sup>

Begin game play utilizing rules and fouls

Sharpen and build soccer skills and rules already learned in Gan-2<sup>nd</sup>

Begin game play utilizing rules and enforcing fouls

Sharpen and build tee-ball/baseball skills and rules already learned in Gan-2<sup>nd</sup>

Begin game play utilizing enforcing fouls

Introduction to volleyball: bumping, digging, spiking, positioning and utilizing teammates

Sharpen and build hockey skills and rules learned in Gan-2<sup>nd</sup>

Begin game play utilizing rules and enforcing penalties

Sharpen and build lacrosse skills and rules learned in Gan-2<sup>nd</sup>

Begin game play utilizing rules and enforcing penalties

Introduction to aerobics: low impact movement/spatial awareness, cardiovascular endurance

Continue the growth of gymnastics skills

Put skills in combination with each other

**MUSIC**

Perform ensemble pieces with multiple, independent vocal and rhythmic

Use solfege to sing and improvise tonal patterns in major and minor keys

Perform tonal and rhythm patterns on recorder

Identify Tonic/Dominant chords

Perform simple melodies with appropriate accompaniment on recorder

Write and read musical notation of familiar songs

Develop consistent, effective practice skills

Identify contrasting musical styles/forms

**ART**

Integration of visual and organizational components of art/design in the creation of art

Refinement of manipulative skills to create expressive works

Use of arts vocabulary to describe and interpret meaning in art works

Study of selected major artist and arts from diverse cultures

Seasonal and Judaic projects according to the calendar

Museum visit coordinated with curriculum

Interdisciplinary projects with other curriculum areas

## Grade 4

**LIBRARY**

Prize winning literature: Jewish Book Award, Newberry Medal

Choosing books by genre

Using resources to gather facts

Encyclopedias

Mini book reviews

Dewey Decimal System

Building on previous skills

**PHYSICAL EDUCATION**

Sharpen and build basketball skills and rules learned in Gan-3<sup>rd</sup>

Begin game play utilizing rules and fouls

Sharpen and build soccer skills and rules already learned in Gan-3<sup>rd</sup>

Begin game play utilizing rules and enforcing fouls

Sharpen and build baseball skills and rules already learned in Gan-3<sup>rd</sup>

Begin game play utilizing enforcing fouls

Introduction to volleyball: bumping, digging, spiking, positioning and utilizing teammates

Sharpen and build hockey skills and rules learned in Gan-3<sup>rd</sup>

Begin game play utilizing rules and enforcing penalties

Sharpen and build lacrosse skills and rules learned in Gan-3<sup>rd</sup>

Begin game play utilizing rules and enforcing penalties

Introduction to aerobics: low impact movement/spatial awareness, cardiovascular endurance

Continue the growth of gymnastics skills

Put skills in combination with each other

## Grade 5 →

**MUSIC**

Identify all major orchestral and folk instruments by timbre

Music dictation of simple melodies and rhythms

Knowledge of common chords and chord progressions

Perform a varied repertoire of songs on recorder in several keys

Historical/Cultural placement of music and significant composers

Identify common musical forms

Utilize efficient practice routine on desired medium

**ART**

Study and use of symbols, themes, and ideas in art and art history

Refinement of manipulative skills to create expressive works

Development of ability to interpret their own work and that of others

Study of selected major artists and arts from diverse cultures

Seasonal and Judaic projects according to the calendar

Museum visit coordinated with curriculum

Interdisciplinary projects with other curriculum areas

**LIBRARY**

Research skills: find, evaluate and use resources

Continued study of major prize winning literature

Literature related to social studies

Reference books

Building on previous skills

**PHYSICAL EDUCATION**

Mastery of basketball skills and game play

Mastery of soccer skills and game play

Mastery of baseball skills and game play

Mastery of volleyball skills and game play

Mastery of hockey skills and game play

Mastery of lacrosse skills and game play

Introduction to aerobics: low impact movement/spatial awareness, cardiovascular endurance

Mastery of gymnastics equipment

Development of small routines

**MUSIC**

Identify all major orchestral and folk instruments by timbre

Music dictation of simple melodies and rhythms

Knowledge of common chords and chord progressions

Perform a varied repertoire of songs on recorder in several keys

Historical/Cultural placement of music and significant composers

Identify common musical forms

Utilize efficient practice routine on desired medium

**ART**

Study and utilize the tools and processes that create representational art

Refinement of manipulative skills to create expressive works

Apply art ideas and vocabulary to analyze and compare works of art

Study of selected major artists and arts from diverse cultures

Seasonal and Judaic projects according to the calendar

Museum visit coordinated with curriculum

Interdisciplinary projects with other curriculum areas

## Grade 6

**LIBRARY**

Research skills

Banned books

Reference books

Building on previous skills

**PHYSICAL EDUCATION**

Mastery of basketball skills and game play

Mastery of soccer skills and game play

Mastery of baseball skills and game play

Mastery of volleyball skills and game play

Mastery of hockey skills and game play

Mastery of lacrosse skills and game play

Introduction to aerobics: low impact movement/spatial awareness, cardiovascular endurance

Mastery of gymnastics equipment

Development of small routines

# COMPUTER

# HEALTH

## OVERVIEW

## OVERVIEW

### COMPUTER

Introduction to data processing and programming skills at age appropriate levels. Problem solving skills and higher level thinking and research skills

### HEALTH

Students are acquainted with a variety of wellness and safety issues. Children are encouraged to become informed participants in all of their life decisions

## Gan (Kindergarten)

## HEALTH

### COMPUTER

Mouse and keyboard control • Letter, number and picture recognition • Strategy, problem solving techniques

Each grade is given information at age and developmentally appropriate levels. All classes are taught using a combination of didactics, visual aids and manipulative devices.

Topics may include but are not limited to:  
 Alcohol hazards  
 Tobacco avoidance  
 Bike safety  
 Safe "sitting"  
 Personal hygiene  
 Sun safety

Infection control - hand-washing  
 Eye safety - vision  
 Fire safety  
 Personal safety  
 Nutrition  
 Drug resistance  
 Violence prevention  
 Playground safety

Emergency preparedness  
 Basic first aid  
 Water safety  
 Teeth - Dental hygiene  
 Hearing conservation - Ears  
 Bones  
 Heart health

Gun safety  
 Good touch/Bad touch  
 Stranger danger  
 Emergency building evacuation  
 Outdoor safety - Poisonous plants and venomous creatures

Topics limited to upper grades include:  
 AIDS  
 Sexuality  
 Feminine hygiene  
 Sexually transmitted diseases  
 Divorce

## Grade 1

### COMPUTER

Beginning math and reading applications • Educational programs and problem solving • Introductory concept of network

## Grade 2

### COMPUTER

Beginning keyboard skills • System skills, word processing, beginning graphics • Variety of computer functions, strategies, Internet, math and language

## Grade 3

### COMPUTER

Keyboarding skills • Programming • Word processing: MS Word • Desktop publishing

## Grade 4

### COMPUTER

Keyboarding skills • File management • Logo, desktop publishing • Internet research • Spread sheets: Excel • Problem solving

## Grade 5

### COMPUTER

Keyboarding skills • Information, data analysis • Management • Logo, desktop publishing • Creative writing • Images, sound • Internet • Problem solving • Presentation: PowerPoint

## Grade 6

### COMPUTER

Logo, desktop publishing, images • Multimedia • Internet research • Data analysis and charting: Advanced Excel

**In addition, in each grade level there is an integrated unit utilizing skills and themes from the General Studies curriculum and the Jewish Studies curriculum. The units incorporate some or all of the following curriculum components: Art, Music, Computers, Library, Movement, Dance and Games.**

### Examples are as follows:

Gan: Hanukkah Health/Nutrition  
 1<sup>st</sup> Grade: Multiculturalism  
 2<sup>nd</sup> Grade: The Pilgrim Experience  
 3<sup>rd</sup> Grade: Creation Myths

4<sup>th</sup> Grade: Care of the Environment  
 5<sup>th</sup> Grade: Revolution – Human Desire for Change/Natural Resources  
 6<sup>th</sup> Grade: Human Body and Human Sexuality