



# OAKLAND SCHOOL VOLUNTEERS

## OUSD APPLICATION/PLATFORM GUIDE FOR VOLUNTEERS

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### I. Math

#### A. Freckle (Grades K-9)

Teachers can have students sign in and take diagnostic tests, which helps [Freckle](#) adapt to the student’s level. Teachers can also choose to assign a specific domain (i.e. Geometry) or a specific standard for students to practice.

#### FRECKLE MATH SKILLS PRACTICES MODES

K - 2 Number Basics	Pre-math practice to build counting and number recognition skills
K - 2 Number Facts	Basic arithmetic practice with audio and visual supports
K - 9 Adaptive Math	A progression of Math Skills that Adapts to each student as they practice
K - 9 Fact Practice	Personalized fact fluency across all operations

#### B. BrainPop (Grades K-8)

[BrainPop](#) activities are organized by academic subjects, all of which have Units. Each Unit has a number of topics to explore concepts with movies, quizzes, vocabulary, games, and other activities to apply topics. Math Units include:

## BRAINPOP MATH UNITS

Algebra	Data Analysis	Geometry & Measurement	Numbers & Operations	Practical Math	Probability	Ratio, Proportion, & Percent
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### B. Khan Academy (K-12)

[Khan Academy](#) courses are divided by subject area (Early Math, Arithmetic, Pre-algebra, etc.) and grade level, including courses designed to prepare students for future grades, e.g. the “Math Getting Ready for 4th Grade” course. Courses offer interactive exercises, instructional videos, and a personalized learning dashboard for students. Many courses are offered, so please check out [khanacademy.org](#) for a full list!

## II. English Language Arts

### A. Freckle (Grades K-9)

Teachers can have students sign in and take diagnostic tests, which would help [Freckle](#) adapt to the students level. Teachers can also choose to assign a specific domain (i.e. Geometry) or a specific standard for all students to practice.

#### FRECKLE ELA SKILLS PRACTICE MODES

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**K - 1 Sight Words** Spelling and recognition practice with the most common sight words

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**K - 2 Decodables** Simple stories with phonetic spelling patterns & sight words

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**K - 12 Library** Informational articles & fictional stories at the the student’s level

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**1 - 8 Skills Practice** Short passage practice with standards-aligned multiple choice

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**K - 12 Word Study** Individualized practice based on word patterns

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## B. BrainPop (Grades K-8)

[BrainPop](#) activities are organized by academic subjects, all of which have Units. Each Unit has a number of topics to explore concepts with movies, quizzes, vocabulary, games, and other activities to apply topics. English Units include:

BRAINPOP ENGLISH UNITS			
Famous Authors & Books	Grammar	Study & Reading Skills	Writing

## C. RAZ-Kids (Grades K-5)

[RAZ-Kids](#) is an online reading resource platform. It would be best utilized for guided reading or read alouds with students. Highlights:

- ✓ The digital library includes 400+ eBooks that students can listen to, read, and even record themselves reading to practice fluency.
- ✓ Every leveled eBook has an accompanying eQuiz to test reading comprehension and help students advance reading levels.

### → TIP: UTILIZE A CRITICAL READING LENS

Unfortunately, some books included in the RAZ-Kids virtual library are highly inappropriate in terms of expressed race, class, gender bias. It's important that volunteers use a critical lens so as to minimize the harm reading this sort of book can cause children. Here are some titles to avoid:

- *A Crow with Flaws* portrays a family of crows who lack education and money. The book calls these "flaws" and implies that those deficits were caused by the parents.
- *Snoop the Crime Dog* is about a detective dog that tries to find out who took a snow goose. The text says a racoon took the goose, but the illustration shows a white man arresting a black man.
- *Toys for Boys* reinforces gender stereotypes with the types of toys. It also implies that people with disabilities are low income and could be upsetting for kids.

### IF YOU ARE UNSURE ABOUT A BOOK, ASK THE FOLLOWING QUESTIONS:

- Does this text use derogatory language based on economic status, ability, or identity?
- Are there stereotypes (race, gender/sexual orientation, language, ethnicity, ability based), misrepresentations, and generalizations about a group of people?
- Are certain types of people left out of the book?
- Are people in the book described as good or bad because of their race, gender, age or class?
- Does the symbolism in the story reinforce stereotypes?
- Are there characters that are clearly in positions of power? If so, what identities do they hold?

- Are there characters portrayed as powerless? If so, what identities do they hold?
- Do the characters in power follow stereotypical patterns of oppression?

\*If you encounter an inappropriate book while using RAZ-Kids, please email us at [osv@oaklandfund.org](mailto:osv@oaklandfund.org), so that we can share the information with our volunteer community.

## III. Social Studies

### A. Freckle (Grades K-12)

[Freckle](#) Social Studies Units are broken down based on grade and accompanying activities may include: vocabulary, extension topics, KWL charts, literature connections. Social Studies units include:

#### FRECKLE SOCIAL STUDIES UNITS

K - 12	<ul style="list-style-type: none"> <li>• Civics and Government</li> <li>• Economics</li> <li>• U.S. History</li> </ul>
K - 5	<ul style="list-style-type: none"> <li>• Geography</li> </ul>
3 - 12	<ul style="list-style-type: none"> <li>• Culture</li> </ul>
5 - 12	<ul style="list-style-type: none"> <li>• World History</li> <li>• Ancient Civilizations</li> </ul>
6 - 12	<ul style="list-style-type: none"> <li>• Science, Art, and Religion</li> </ul>

### B. BrainPop (Grades K-8)

[BrainPop](#) is organized by academic subject, all of which have Units. Each Unit has a number of topics to explore concepts with movies, quizzes, vocabulary, games, and other activities to apply knowledge. Social Studies units include:

#### BRAINPOP SOCIAL STUDIES UNITS

African-American History	Ancient Cultures	Culture	Economics	Elections
Famous Historical	Geography	Latin-American Heritage	Native America	<a href="#">News</a>

Figures				
The Law	U.S. Government	U.S. History	U.S. Presidents	Women's History
		World History		

### C. Khan Academy (Grades 9-12)

[Khan Academy](#) offers a number of high school Arts, Humanities, Economics, & Finance Course, including:

KHAN ACADEMY ARTS, HUMANITIES, ECONOMICS, & FINANCE COURSES				
U.S. History	AP U.S. History	World History	AP World History	U.S. Government & Politics
Art History	AP Art History	Grammar	Story Telling	Macroeconomics
AP Macroeconomics	AP Macroeconomics	Microeconomics	AP Microeconomics	Finance & Capital Markets

## IV. Science

### A. BrainPop (K-8)

[BrainPop](#) activities are organized by academic subjects, all of which have Units. Each Unit has a number of topics to explore concepts with movies, quizzes, vocabulary, games, and other activities to apply topics. English Units include:

BRAINPOP SCIENCE UNITS				
Cellular Life & Genetics	Diversity of Life	Earth System	Ecology & Behavior	Energy
Famous Scientists	Forces of Nature	Matter & Chemistry	Motions, Forces, & Time	Nature of the Universe
Our Fragile Environment	Paleontology & Anthropology	Scientific Inquiry	Space	Weather

### B. FOSSweb (Grades K-8)

[FOSSweb](#) has investigation modules that follow a similar design to provide multiple exposures to science concepts. An educator would most likely use this as an instructional tool, but may ask a

tutor to support their partner student with completed FOSS module work. The investigation modules design includes these pedagogies:

1. Active investigation, including outdoor experiences
2. Writing in science notebooks to answer focus questions
3. Reading in FOSS Science Resources
4. Assessment to monitor progress and motivate student reflection on learning

### C. Khan Academy (Grades 9-12)

[Khan Academy](#) offers high school Science & Engineering courses, including:

KHAN ACADEMY SCIENCE & ENGINEERING COURSES		
Physics	Biology	Chemistry
AP Physics	AP Biology	AP Chemistry
Health & Medicine	High School Biology	Organic Chemistry
Electrical Engineering	Cosmology & Astronomy	

## V. Computer Science and Technology

### A. BrainPop (K-8)

[Brainpop](#) activities are organized by academic subjects, all of which have Units. Each Unit has a number of topics to explore concepts with movies, quizzes, vocabulary, games, and other activities to apply topics. Engineering and Tech Units include:

BRAINPOP ENGINEERING & TECH UNITS		
Communication	Computer Science	Digital Citizenship
Energy Technology	Science & Industry	Simple Machines
Health & Medicine	High School Biology	Organic Chemistry
	Transportation	

## A. Khan Academy (Grades 3-12)

[Khan Academy](#) offers high school Computing Courses for grades 3-12, including:

### KHAN ACADEMY COMPUTING COURSES

3-12	<ul style="list-style-type: none"><li>• Hour of Code</li></ul>
6-12	<ul style="list-style-type: none"><li>• Computer programming</li><li>• Computer Animation</li></ul>
9-12	<ul style="list-style-type: none"><li>• Computer Science</li><li>• Computer Science Principles</li></ul>

## VI. Arts & Music

### A. BrainPop (Grades K-8)

[BrainPop](#) activities are organized by academic subjects, all of which have Units. Each Unit has a number of topics to explore concepts with movies, quizzes, vocabulary, games, and other activities to apply topics. Arts & Music Units include:

#### BRAINPOP ARTS & MUSIC UNITS

Art Concepts	Famous Artists & Musicians	Learning Music	Making Music	Musical Genres
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## VII. Health and Social Emotional Learning

### A. BrainPop (Grades K-8)

[BrainPop](#) activities are organized by academic subjects, all of which have Units. Each Unit has a number of topics to explore concepts with movies, quizzes, vocabulary, games, and other activities to apply topics. Health and Social Emotional Learning Units include:

Back-to-School	Body Systems	Communications & Teamwork	Conflict Resolution
Courage &	Diseases, Injuries, &	Emotions	Empathy & Respect

Perseverance	Conditions		
Genetics, Growth, & Development	Mental Health	Nutrition	Personal Health
Psychology & Behavior	Relationships	Setting Goals	Sports & Fitness