

June 2020

Dear Parents:

Math knowledge doesn't have to take a vacation over the summer. Keep your child's skills sharp by integrating math into their daily routine.

Sign up for a math website that has structured instruction and practice. Many students already have access codes to their online math textbooks or other review sites. You may also want to obtain materials for the next school year to preview the concepts they'll cover in their upcoming math class. This will improve retention, performance, and confidence.

Above all, inject some fun. It's summer, after all! Have kids play math games online to review their facts. Or play games in the real world. Monopoly, cards, Yahtzee, and other games involve math. Follow a stock's earnings (negative and positive numbers, graphing). Keep track of a favorite baseball player's statistics (mean, median, and mode). Cook together with a recipe (measurement and operations with fractions). Calculate the distance traveled, gas mileage, or average speed during a family trip. Shop together and determine the unit price, best buy, money spent, or change due. Design or build something and discuss angles, perimeter, and area. Draw a scale map of your kitchen or neighborhood. Make math learning fun by making it relevant and real.

The following page contains information and links to some great math websites with games, practice problems, activities, or instruction. Choose one with your child and set up a daily or weekly goal. We recommend at least 60 minutes per week of math practice, broken up into smaller chunks (15 minutes, four times a week, for example).

Have a wonderful, fun, and productive summer. We look forward to seeing you in August for another year of learning!

Sincerely,

The Pardes Jewish Day School Math Teachers

## SUMMER MATH PRACTICE WEBSITES

WEBSITE	GRADE	EMPHASIS	PRICE
<a href="#">Mathopolis</a>	K-12	All topics - practice problems	Free to paid
<a href="#">Khan Academy   Free Online Courses, Lessons &amp; Practice</a>	K-12	Every topic - videos, articles, exercises	Free
<a href="#">IXL Math   Learn math online</a>	K-HS	Practice & instruction on all topics, tracks progress	Ten practice problems per day free; \$9.95/month subscription
<a href="#">ALEKS</a>	K-12	Math instruction and practice	\$19.95/month subscription
<a href="#">Math Play</a>	1st -8th	Fact practice	Free
<a href="#">Freerice</a>	3rd-7th	Multiplication, Integers, Decimals	Free
<a href="#">Multiplication.com</a>	2nd-6th	Fact practice games	Free with ads
<a href="#">Math Game Time</a>	K-7th	Skills-games, worksheets, and videos	Free with ads
<a href="#">ABCya!</a>	K-5th	Practice games	Free with ads
<a href="#">Math Games, Books, and Videos for Kids</a>	K-8th	Practice games	Free with ads
<a href="#">Math Games   Educational Games for Kids</a>	K-5th	Math games, puzzles	Free
<a href="#">Math is Fun</a>	K-8th	Practice games, worksheets, instruction, activities	Free
<a href="#">Hooda Math Games</a>	K-HS	Practice games, timed tests	Free
<a href="#">Arcademic Skill Builders</a>	1st- 6th	Games: basic math to some algebra	Free
<a href="#">Math Playground</a>	1st-6th	Practice games for all math topics	Free
<a href="#">Free Online Math Games Education.com</a>	K-5th	Practice games	Mostly free
<a href="#">CoolMath4Kids</a>	K-6th	Instruction, games	Free with ads
<a href="#">Cool Math</a>	7th-HS	Instruction, games	Free with ads
<a href="#">Cool Math Games</a>	K-8th	Games	Free with ads
<a href="#">Study Island for Home</a>	1st-HS	Math and other subjects: lessons, practice, games	\$15/month; 10-day free trial
<a href="#">PBS Learning</a>	5th-9th	Funny math instructional videos	Free