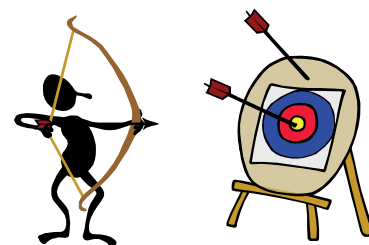


School • Community • Student • Parent LEARNING CONNECTIONS

Tahoma School District No. 409

Stop summer learning loss by exercising your brain

Did you know all students experience some “brain drain” during the summer, most notably in reading and math? What can you do? This summer, find ways to maintain and boost your child’s learning by incorporating educational activities into your regular routines. We will be sending out a summer connections newsletter to elementary and secondary parents every two weeks by e-mail with some fun and easy ideas to incorporate reading and math activities into your summer activities along with grade specific reading and math practice.



Target Summer Learning Loss

Reading is a smart summer activity



The best way to keep strong readers strong and help struggling readers improve is to have your child reading regularly over summer.

Select a book that you can start reading aloud to your child this summer. Check out the lists from [King County Library System](#) for some good ideas.

Tahoma Summer Math Help



Get help with the Summer Math Packets
All Grade Levels

Elementary, Middle, JrHigh, SrHigh

Wednesdays (June 29-Aug 3)
Tahoma Central Office—Boardroom
9:00 a.m.-12:00 p.m.

Tahoma High School Math Team students and teacher Mrs. Shirley are available to provide help to students. Just drop in and get help!

We Need Your E-mail Address!

To get the summer learning connections we need a current e-mail address. Login to [Skyward Family Access](#). At the top right-hand side look for “Account Info.” Choose “Change My Email”. Verify your email address and update if needed.

If you don’t know your Skyward Family Access password you can check in with the main office staff at your child’s school or the district Central Services staff.

King County
Public Library

**FREE SUMMER
READING
PROGRAM**



IN THE COMMUNITY

- ✓ **Young Author’s Club**
Teen Programs at the MV Library
Date: Thursday, June 23
Time: 4:00 p.m.
Share your work, get helpful writing tips and constructive criticism.
- ✓ **Free Museum Tickets through KCLA! (King Co Library)**
Get free tickets offered from Bellevue Arts Museum, KidsQuest Children's Museum, Museum of History and Industry (MOHAI), Tacoma Art Museum and Washington State History Museum.

Questions or Comments?

**Tahoma
Teaching and Learning
425-413-3400**

See other grade level editions of
**Learning Connections at
www.tahomasd.us**

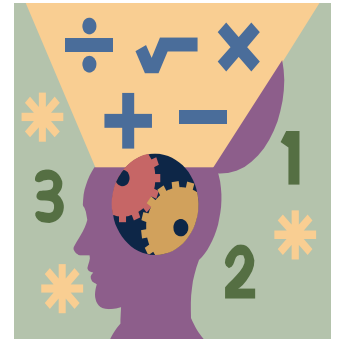
Newsletter Schedule

Target Distribution Dates



Summer math = Fall success

Students can lose up to 3 months of learning over the summer in math. Help keep this from happening by checking out the hints sent in each newsletter and encouraging your child to complete the skill practice sheets.



June 2011

Mo	Tue	Wed	Thu	Fri
		1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	

<http://> There are lots of great math websites and we'll send you a link with each newsletter. Please know that we have tried to find websites that don't have too much advertising. Finding ones that are advertising free is almost impossible. Be sure and check out the website yourself just to make sure it meets your expectations before having your child play the math games.

July 2011

Mo	Tue	Wed	Thu	Fri
				1
4	5	6	7	8
11	12	13	14	15
18	19	20	21	22
25	26	27	28	29

It's summer! Get out and play



Some kids look at summer as one long TV/videogame/online chat session. It is important to keep your child involved in physical activities, talking with others and engaged in activities outdoors. Consider some fun summer time activities that encourage physical fitness.

Have lots of chats with your kids



Summer is also a time when kids may go to camp or spend more time out of the house with friends. The best way to know what's going on with your child is to talk to your child.

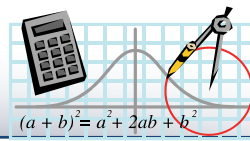
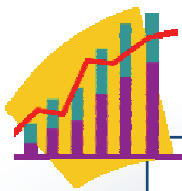
- What did they do today?
- What was the best part of the day?
- What was something interesting that happened today?
- What did they read?

August 2011

Mo	Tue	Wed	Thu	Fri
1	2	3	4	5
8	9	10	11	12
15	16	17	18	19
22	23	24	25	26
29	30	31		

Learning Connections Summer Newsletters are published with skill worksheets for grades 1-6 and links to the Holt Math program for secondary students through Algebra II. If you would like access to the newsletters for another grade level please go to the Tahoma website.

www.tahomasd.us



Math Connections

$$a^2 + b^2 = c^2$$



Introduction to the Holt Math On-Line Program

<http://my.hrw.com>

Our secondary students from grade 6 math through Algebra II are using the HOLT mathematics textbooks. This program has some great on-line resources we will be using for summer practice and review. Students in the HOLT program last year have used the on-line resources and are used to navigating through the different on-line activities.

If your child is new to the program and needs some help in navigating through the program we have detailed instructions showing screen shots of materials. If you are having any trouble drop into the Wednesday math help sessions to get some assistance! We are providing access to students for both the book they used last year as well as the book they will be using next year.

If students are struggling with any of the concepts there are videos embedded in the resources for most lessons students can view with Professor Burger.

Student Usernames and Passwords

We had to redo our convention for the HOLT usernames and passwords so the slips we handed out in classes last week can be discarded. Parents are being e-mailed their child's new HOLT username and password. The username construction convention is shown below just in case your child forgets their username. We have set up all our 5th grade students with access to the program.

Username: TSD followed by the student's 6 digit student ID number then capitalized first letter of their first name and capitalized first letter of their last name (no spaces anywhere)

Password: tahoma



Welcome to Holt McDougal Online!

I am already registered:

Username:

Password:

Log In

[Forgot your username or password?](#)

I am a New User and need to register for a program.

Register

I am an Evaluator with a sample word and need to preview a program.

Preview



Check out this website:

[Discover Engineering](#)





Accelerated Math — Summer Practice

5th Grade Students accelerating in math getting ready for middle level math in September

June 23, 2011

Rounding—remember place value

You will want to get some blank paper to do these problems. You can keep your summer practice work and turn it in in September to your teacher to show how much you accomplished over the summer! If you have a question—you can get some help from an adult or a student who may remember how do this type of problem. You can also come to our Wednesday summer math help sessions (June 29-Aug 3).

345,678.12

Hundred thousands
Ten thousands
Thousands
Hundreds
Tens
Ones
Tenths
Hundredths

Extra Practice ... Chapter 1

LESSON 1-1

Estimate each sum or difference by rounding to the place value indicated.

- $7,685 + 8,230$; thousands
- $23,218 + 37,518$; ten thousands
- $52,087 - 35,210$; ten thousands
- $292,801 - 156,127$; hundred thousands
- $14,325 + 25,629$; hundreds
- $9,210 - 396$; hundreds
- Mr. Peterson needs topsoil for his garden. His rectangular garden is 78 in. long and 48 in. wide. A bag of topsoil covers an area of 500 square inches. How many bags should Mr. Peterson buy?
- Natalie's family is having a picnic at an amusement park. The park is 153 miles from Natalie's house. If the family drives 55 mi/h, about how long will it take them to get to the park?

Base → **7**³ ← Exponent = $7 \times 7 \times 7 = 343$

LESSON 1-2

Write each expression in exponential form.

- $5 \times 5 \times 5 \times 5 \times 5 \times 5$
- $3 \times 3 \times 3 \times 3$
- $10 \times 10 \times 10 \times 10 \times 10$
- $2 \times 2 \times 2 \times 2$
- $7 \times 7 \times 7$
- 9×9

Find each value.

- 5^2
- 5^5
- 6^3
- 10^5
- 9^1
- 3^6
- 4^3
- 2^5
- A certain colony of bacteria doubles in size every 5 minutes. If the colony began with 2 organisms, how many will there be after 30 minutes?
- Patricia e-mailed a joke to 4 of her friends. Each of those friends e-mailed the joke to 4 other friends. If this pattern continues, how many people will receive the e-mail on the fifth round of e-mails?

ORDER OF OPERATIONS

1. Perform operations in **parentheses**.
2. Find the values of numbers with **exponents**.
3. **Multiply** or **divide** from left to right as ordered in the problem.
4. **Add** or **subtract** from left to right as ordered in the problem.

Remember!

The first letters of these words can help you remember the order of operations.

Please	Parentheses
Excuse	Exponents
My	Multiply/
Dear	Divide
Aunt	Add/
Sally	Subtract

LESSON 1-3

Simplify each expression.

25. $15 + 7 \times 3$

26. $3 \times 3^2 + 13 - 5$

27. $10 \div (3 + 2) \times 2^3 - 8$

28. $4^2 - 12 \div 3 + (7 - 5)$

29. $10 \times (25 - 11) \div 7 + 6$

30. $(3 + 6) \times 18 \div 2 + 7$

31. The sixth-grade band students sell cases of fruit for a fund-raiser. Emily sold 18 cases of oranges for \$12 each, 11 cases of apples for \$10 each, and 5 cases of grapefruit for \$14 each. Simplify $18 \times 12 + 11 \times 10 + 5 \times 14$ to find how much money she should collect in all.

Math Problem Solving

LESSON 1-5

For Exercises 46–48, choose a solution method and solve. Explain your choice.

41. The table shows the number of days it rained each month. How many days total did it rain in the year?
42. The coldest temperature in a city was 11°F . The warmest temperature that same year was 89°F . What is the difference between the highest and lowest temperatures?

Month	Days of Rain	Month	Days of Rain
January	6	July	15
February	5	August	9
March	7	September	17
April	14	October	14
May	12	November	8
June	10	December	5

43. Heather is a member of a dance company. She practices 14 hours a week. How many hours does she practice each year? (*Hint:* There are 52 weeks in a year.)

Patterns

LESSON 1-6

Identify a pattern in each arithmetic sequence and then find the missing terms.

44. 8, 16, 24, ■, ■, ■

45. 6, 11, 16, ■, ■, ■

46. 100, 85, 70, ■, ■, ■

47.

Position	1	2	3	4	5	6	7	8
Value of Term	1	12	23	34	45	■	■	■

Identify a pattern in each sequence. Name the missing terms.

48. 496, 248, 260, ■, 142, 71, ■

49. 1, 8, 4, 32, 16, ■, 64, 512, ■

50. The Summer Olympic Games are held once every 4 years. The last two Summer Olympics were held in 2004 in Athens, and in 2008 in Beijing. Were Summer Olympics Games held in 1990? Explain your answer.