Education is more than filling a child with facts.
It starts with posing questions.
–D.T. Max

Web Sites

NCTM Figure This: Gone Fishing (PDF)
Use your algebraic reasoning to solve this math challenge that explores the relationship between quantities and weights. Try this math challenge from the NCTM Math Challenges for Families series. Also, discover how mastering this skill would useful in real life situations.
http://figurethis.nctm.org/challenges/c58/challenge.htm

Better Lesson: Analyzing Linear Functions
This unit is all about linear relationships and functions.
http://betterlesson.com/lesson/560477/analyzing-linear-functions?grade=20&subject=1&from=bl_explore-1_analyzing-linear-functions_all_all_mt-lesson_560477_title

Math Games: Constant Rate of Change
Students find the rate of change of a linear graph and express as a decimal or integer.
http://www.mathgames.com/skill/6.140-constant-rate-of-change

Hardware/Software

Premium HDMI cables

Choosing the right cables for your computer or home theater setup can be a challenge. Not only do you need to make sure the connection types on the cables are compatible with your devices, but what if you buy a low-quality cable? If you spent hundreds of dollars on your TV, gaming console, and other devices, you don't want to risk getting a low-quality image by purchasing a cheap HDMI cable, right?
Wrong!

This may have been accurate decades ago, but not today. In the past, it was true that analog cables for devices like VCRs could have an improved signal by adding gold plating or other premium features. Due to the variable nature of

analog signals, slight variances in material quality between cables or devices could indeed have an impact on the clarity of the output signal. However, modern media devices use digital signals, not analog. Signal degradation does not affect digital connections in the same way as analog connections. If the quality of a digital signal is degraded enough by a damaged or worn out cable, once the degradation reaches a certain threshold it will simply not be transmitted. For these reasons, a so-called "premium" digital cable will not produce a better signal than a cheap one.

Unfortunately, not everyone is aware of the difference between analog and digital connections. People are frequently taken advantage of, and buy an expensive cable that they were led to believe would be significantly higher in quality than the alternative. Currently on Amazon, a company called WireWorld is selling a "Platinum Starlight 7 HDMI Cable" for $10,500. No, that's not a typo! This cable costs over ten thousand dollars and will produce exactly the same signal as any other HDMI cable.

_____

Famous People from American History

Tecumseh (1768 – 1813)

Born on the Mad River near present-day Springfield, Ohio, Tecumseh was a young boy when American colonists killed his father.

The chief of the Shawnee, he believed that all Native Americans owned Native American land and individual tribes could not give or sell land to the United States. When the United States ignored his beliefs, he tried to build a confederation of Indian tribes. His plan failed when his brother, Tenskwatawa (The Prophet), lost the Battle of Tippecanoe in 1811.

He fought for the British in the War of 1812 and led Native American troops as a brigadier general. He died in the Battle of the Thames.

_____

Riddles You Can Tell in Class

Q. Why are Teddy Bears never hungry?
A. Because they are always stuffed.

Q. Why do sharks live in salty water?
A. Because pepper makes them sneeze.

_____

This Day in History

Birthdates which occurred on September 29:_
1758 Horatio Nelson Burnham Thorpe Britain, naval hero at Trafalgar_
1901 Enrico Fermi Italy, physicist, gone fission (Nobel–1938)_
1907 Gene Autry Tioga Tx, cowpoke/singer/actor/Calif Angels owner_
1908 Greer Garson North Ireland, actress (Pride & Prejudice)_
1916 Trevor Howard England, actor (Mutiny on Bounty, Ryan's Daughter)_
1923 O.A. "Bum" Phillips football coach (Houston Oilers/New Orlean Saints)_
1924 Steve Forrest Huntsville Tx, actor (Ben–Dallas, SWAT)_
1929 Bob Newhart Oak Park Ill, actor/comedian (Bob Newhart Show)_
1935 Jerry Lee Lewis singer (Great Balls of Fire, Breathless)_
1939 Larry Linville Ojai Calif, actor (Frank Burns–M*A*S*H, Blue Movie)_
1943 Lech Walesa Popowo Poland, leads Polish Solidarity (Nobel 1983)_
1948 Bryant Gumbel New Orleans La, sportscaster/TV host (Today Show)__

On this day…_
1789 1st congress adjourns_
1789 US War Dept established a regular army_
1918 Allied forces scored a decisive breakthrough of the Hindenburg Line_
1920 Babe Ruth sets then home run season record at 54_
1943 Eisenhower & Italian Marshal Pietro Badoglio sign an armistice_
1946 Los Angeles (previously Cleveland) Rams play 1st NFL game in LA_
1953 Milton Berle Show premiers_
1954 Willie Mays famous over–the–shoulder catch of Vic Wertz' 460' drive_
1963 Card's Stan Musial's final game, gets his 3,630th hit_
1963 Rolling Stones 1st tour (opening act for Bo Diddley & Everly Bros)_
1965 Ralph Boston of the US, sets then long jump record at 27' 4 3/4"_
1969 "Love American Style," premiers on ABC_
1977 Muhammad Ali won a unanimous, 15–round decision over Earnie Shavers_
1990 Washington National Cathedral construction is completed after 83 years

_____

Doug Yonce
Apple Distinguished Educator
STAR Discovery Educator
Doug.Yonce@ svusd.org
yonce@mac.com

_____

To subscribe/unsubscribe or manage your preference, visit:
http://www.svusd.org/technology.html
Archives of selected newsletters may be found at:
http://www.mryonce.com/tektokarchives.html

_____

TEKTOK uses *netTrekker* to explore the internet
netTrekker delivers the industry-leading digital learning resource library with only the best content from the web — 360,000+ curated digital resources tagged, organized, and aligned to standards so that teachers, students, and parents can find just what they need, all in one place, in a fraction of the time. Learn more about this tremendous resource at:

http://www.nettrekker.com/us/