Channel View School for Research
Entering Grade 6: Summer Math Project

Name _____   Grade _____

We know it's your summer vacation, so rather than make you complete a math packet, we thought that something more technologically-based would be more fun. So, here goes.

Below is a list of math-related websites. Browse all the websites, click on links, play some of the games, and really investigate what each has to offer. The more time you spend on each site, the more evidence you will have to complete the list of requirements needed for your <u>PowerPoint presentation</u> or <u>Word document</u>. Attached is a graphic organizer that will help you to organize your opinions, thoughts, and evidence. The graphic organizer is NOT MANDATORY; it is just there to help you. The presentation should be saved on a flash drive. The flash drive with the presentation is due THURSDAY, SEPTEMBER 5<u>TH</u>.

<u>Incoming 6th graders</u>- Choose your <u>two favorite</u> websites from the list and create a PowerPoint presentation on why you chose the 2 sites. Be sure to include the following:

- **A title page including your name for your presentation (1 slide)**
- **A creative introduction to the two sites you chose (1-2 slides)**
- **Discuss <u>at least</u> 4 pros for <u>*each*</u> website and give specific reasoning (2 slides, 1 for each site)**
- **Choose two things you learned from <u>*each*</u> site (1-2 slides)**
- **Explain your favorite thing about <u>*each*</u> site (1 slide)**
- **Why would you recommend <u>*each*</u> site to other middle school students? Give examples to support your answer. (1-2 slides)**
- **At least half the slides in your presentation need to include a visual**

<u>WEBSITES</u>
www.funbrain.com
www.mathslice.com
www.mathplayground.com
www.mathisfun.com
www.coolmath.com

Math Websites PowerPoint Rubric

Student Name: _____

CATEGORY	4	3	2	1
Content - Accuracy	All content throughout the presentation is accurate. All bullet points are addressed.	Most of the content is accurate but there is one piece of information that might be inaccurate. A majority of bullet points are addressed.	The content is generally accurate, but one piece of information is clearly flawed or inaccurate. Many bullet points are not answered.	Content is typically confusing or a lot of information is missing.
Sequencing of Information	Information is organized in a clear, logical way. It is easy to anticipate the type of material that might be on the next card.	Most information is organized in a clear, logical way. One card or item of information seems out of place.	Some information is logically sequenced. An occasional card or item of information seems out of place.	There is no clear plan for the organization of information.
Text and Background- Format	Font formats (e.g., color, bold, italic) and background complement each other and are consistent from slide to slide.	Font formats and background complement each and are mostly consistent from slide to slide.	Font formatting and background do not always go together, and at times, may be difficult to read.	Font formatting and background have no consistency and differ from slide to slide.
Spelling and Grammar	Presentation has no misspellings or grammatical errors.	Presentation has 1-2 misspellings, but no grammatical errors.	Presentation has 1-2 grammatical errors but no misspellings.	Presentation has more than 2 grammatical and/or spelling errors.
Originality and Visuals	Presentation shows considerable originality and inventiveness. Visuals are relevant and engaging.	Presentation shows some originality and inventiveness. Most visuals are relevant and engaging.	Presentation shows an attempt at originality and inventiveness on some slides. Not many visuals from slide to slide.	Presentation is a rehash of other people\'s ideas and/or graphics and shows very little attempt at original thought.
Effectiveness	Presentation is very persuasive and clearly shows the reader why these websites are useful.	Presentation is persuasive and mostly shows the reader why these websites are useful. It may be lacking in 1 or 2 elements.	Presentation is persuasive at times but is incomplete. It is not very clear as to why the websites are useful.	Presentation is lacking several key elements and is unclear.

Name _____

<u>Summer Math PowerPoint Graphic Organizer</u>

Before you can choose which websites you will use for your presentation, you must first navigate them for at least 10 minutes each so that you can get an idea as to whether or not you like them. Click on various links, try different games, and see what the site has to offer. *Don't be so quick to choose a site!* It may "look" interesting, but once you start using it, you may feel differently.

Write your two favorite sites here:

_____

_____

<u>Pros</u>

List as many positives about the site you can come up with. The more the better. You'll have more to choose from later when you're doing your presentation. Brainstorm a list of ideas and topics that can be discussed when talking about the pros of the site (this will be done in class as a group).

Favorite Site #1: _____

Pros:
  1.

  2.

  3.

  4.

  5.

  6.

  7.

  8.

What I learned- Discuss 2 things that you learned from navigating this site. It could be a new strategy for calculating a math problem, a memory aid for remembering something, or just a new concept that you haven't learned before. You must discuss what you learned in detail. Explain what on the site specifically helped you learn it.

1.

2.

Favorite thing about the site- Your favorite thing can be a game, the way something was explained, or something about the setup of the site itself. Explain <u>why</u> it was your favorite part about the site.

My favorite thing- _____
_____

Why it's my favorite thing- _____
_____
_____
_____
_____

Why you would recommend this site- Imagine you are a salesman trying to "sell" the use of this site by other middle school students. What reasons would you give to persuade them to go to this particular site above all others? You can refer back to the pros you listed earlier, as well as any other information that you think will persuade.

My Recommendation:

Favorite Site #2: _____

Pros:
  1.

  2.

  3.

  4.

  5.

  6.

  7.

  8.

What I learned- Discuss 2 things that you learned from navigating this site. It could be a new strategy for calculating a math problem, a memory aid for remembering something, or just a new concept that you haven't learned before. You must discuss what you learned in detail. Explain what on the site specifically helped you learn it.

    1.

    2.

Favorite thing about the site- Your favorite thing can be a game, the way something was explained, or something about the setup of the site itself. Explain <u>why</u> it was your favorite part about the site.

My favorite thing- _____
_____

Why it's my favorite thing- _____
_____
_____
_____
_____

Why you would recommend this site- Imagine you are a salesman trying to "sell" the use of this site by other middle school students. What reasons would you give to persuade them to go to this particular site above all others? You can refer back to the pros you listed earlier, as well as any other information that you think will persuade.
My Recommendation: