

Online Tools

Online Tool: Number Line on Math Learning Center

URL: <https://apps.mathlearningcenter.org/number-line/>

My Example: <https://apps.mathlearningcenter.org/number-line/?30jytzax>

Description: This online tool allows users to create their own expressions and equations on a number line. It is very user friendly, and allows students to develop their number sense by creating visualizations of mathematical equations. This could be similar to the *painting* category, as the students are meant to develop their own creations using mathematical equations.

How Could I Use it?

In 7th Grade Math, we begin the year in the Arkansas Standard AR.Math.Content.7.NS.A.1. The standard states that students must “*Apply and extend previous understandings of addition and subtraction to add and subtract rational numbers.*” By using the Number Line tool, I could give my students different equations, and they would have to use the tool to visual produce the equation on a number line.

This could also be used the same way for standards 7.NS.A.2 and 7.NS.A.3.

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Online Tool: Edulastic

URL: <https://edulastic.com>

My Example:

<https://app.edulastic.com/public/view-test/607edad1821d5600084bb78e>

Description: Edulastic is a great online tool for teachers, when it comes to assessment. Edulastic makes it easy to create effective formative and summative assessments that can be done efficiently in the classroom. This would fall under the assessment category.

How Could I Use it?

For my class, this could make a great formative assessment. I would keep it informal, and use it either as an exit ticket, or a mid-lesson checkup to see how well my students are understanding the content. Edulastic gives the teacher real-time feedback, which can allow the teacher to intervene immediately if they look at the data and see a student missing several questions.

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Online Tool: Canva (specifically the *MindMap* section)

URL: <https://www.canva.com/graphs/mind-maps/>

My Example:

[https://www.canva.com/design/DAEcNYx5D_8/KL25OMIEs2NznAYYy0YgSO/vi
w](https://www.canva.com/design/DAEcNYx5D_8/KL25OMIEs2NznAYYy0YgSO/vi<u>w</u>)

Description: Canva is a website that allows its user to create presentations. There are several subsets of presentations that are available, and for this online tool, I chose to use the MindMap feature on Canva. There are several great templates to choose from, and the basic account is completely free. The free account has everything students would need to use it effectively, such as the ability to download, and even publish their MindMap Presentations as their own website.

How Could I Use it?

In my example, I created a MindMap in the context of a Junior High English classroom. The MindMap could be used as a handout, or it could act as a template for the students to edit themselves. They could also use it to analyze a storyline, break down genres, or do any multitude of different activities and assignments. Canva is easy to work with, and after a little guidance, I believe junior high students would have no trouble using the online tool.

<https://animoto.com/play/5LFuMxXZ25qGjZ86w0tmgA>

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Online Tool: Animoto

URL: <https://animoto.com>

My Example: <https://animoto.com/play/5LFuMxXZ25qGjZ86w0tmgA>

Description: Animoto is a website in which students and teachers can easily create videos. It is very user friendly, and guides the video creator through the process of making their video. This video creator has countless templates and styles for the user to choose from, all free of charge. There is a paid version, but that is not necessary for students to make quality videos. It does, however, put an Animoto watermark on the project if the video is made using the free version.

How Could I Use it?

This could be a great resource for a teacher who may have to miss a couple days of instruction. They could create the videos in advance, and post them to the class's Google Classroom so that the students can access them. Also, during a school year like this one, absences have been a major issue. I have students absent from school constantly. Animoto could be a resource for me to use to create instructional videos to send to any students who may be absent from class that day.

Students could also use the website to create informative videos based on what we are learning in class. They could be given an assignment in which they must make a 2-3 minute video in which they recap/explain certain information, depending on what class it's for.

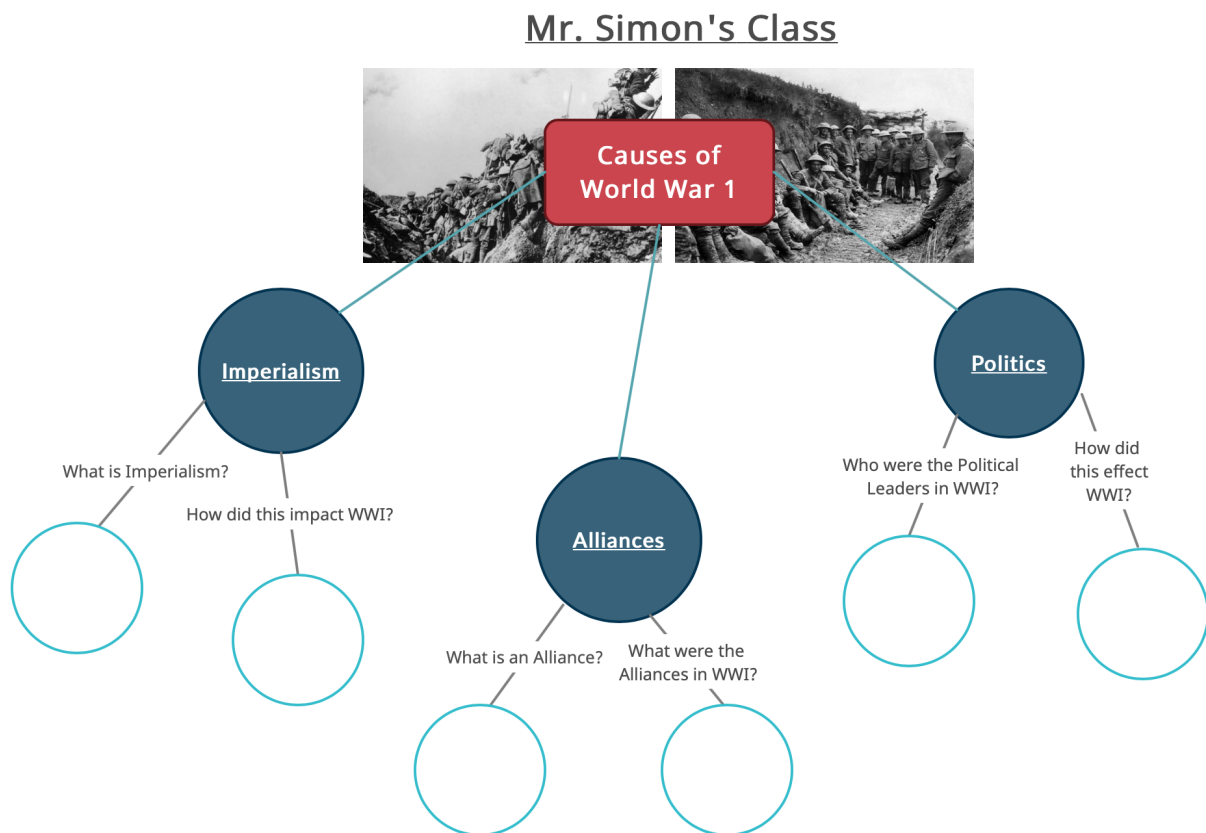
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Online Tool: Creately

URL: <https://creately.com>

My Example: <https://app.creately.com/diagram/osD6XEJQnHF/view>

JPEG Image of Collaborative Project:



Description: *Creately* is an online whiteboard resource, that allows the teacher and students to work collaboratively. It could be classified in the same category as a MindMap, because it allows students to expand on ideas. I created this document in the context of a World History class, in which the unit is reviewing World War I. This document can be shared with the students

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and they can collaboratively work and answer the questions together from their devices.

How Could I Use it?

This resource could be used effectively for remote learning. If I was teaching last year when schools got out for COVID-19, this could have worked well in keeping students engaged in lessons by allowing them to work collaboratively from home.

This could also be used to work collaboratively in the classroom. The students could work together to create different MindMaps or presentations over the content in class.