**Math News**

**March 2020**

**Happy Pi Day:**

3.14159265359…. need we go on? Celebrated on March 14 each (yes, that’s 3-14), National Pi Day not only commemorates a very special number, but also celebrates the birthday of the great scientist and mathematician Albert Einstein. Pi was first calculated by Archimedes of Syracuse (287–212 BC), one of the greatest mathematicians of the ancient world. National Pi Day has become a day to celebrate numbers and math, and celebrations are held across the country in honor of this very special number. These days, all of the numerical fun is sometimes accompanied by delicious food items such as pizza pie, fruit pie, and even pot pies! So please channel your inner math geek and get ready to calculate, eat, and celebrate everybody’s favorite never-ending number.

**Pi Day Resources can be found with in the Math Learning Community under the Pi Day Forum**

**Instruction:**

Bridging Literature & Mathematics Strategy Guides and K-8 Lessons

<http://www.ncte.org/lessons/lit-math-lessons>

Mathematics: Menu of Best Practices and Strategies 2018

<http://www.k12.wa.us/SSEO/pubdocs/MathMenu.pdf>

5 Evidence-Based Recommendations for Teaching Math to Young Children

<https://ies.ed.gov/ncee/wwc/Docs/practiceguide/wwc_empg_numbers_020714.pdf>

**Technology:**

Video Lessons:

A collection of some great web tools you can use to create video lessons. As we have stated elsewhere, ‘The nature of a video lesson differs according to the purpose for which it is created; it can be an explanatory video, a step by step tutorial, a review, a demo, a recorded video presentation and many more. Video lessons are ideal for flipped classroom and can be incorporated in almost any learning situation. The tools we have curated for you are simple and easy to use, no software installation is required. Check them out.

<https://www.educatorstechnology.com/2020/01/some-of-best-tools-for-creating.html>

Graphing Supports:

<http://www.graphingstories.com/>

A collection of some good web tools to help you create digital quizzes. You can use them to design interactive quizzes, questionnaire, forms, polls and many more. The tools are easy and simple to use and no software installation is required.

<https://www.educatorstechnology.com/2020/01/web-tools-to-help-teachers-create.html>

For those of you teaching math, here is a collection of some of the best YouTube channels we reviewed this year. You can draw on these resources to access and find educational video content to help you in the teaching of math for different grade levels. Some of these channels are set up and run by math teachers and others by popular math websites. You may want to go through the collection and see what works for you. Links to the channels are under the visual.

<https://www.educatorstechnology.com/2020/03/youtube-channels-for-math-teachers-and.html>

Window Math Apps for young learners with the purpose is to enhance your kids math skills and boost their mathematical thinking. The apps feature a number of interactive games, puzzles, quizzes and activities that cover basic math from learning numbers and shapes to practicing addition and subtraction.

<https://www.educatorstechnology.com/2020/01/windows-math-apps-for-young-learners.html>

**NASA Express**

[**Explorers Wanted—Apply To Be an Astronaut**](http://r20.rs6.net/tn.jsp?f=001SuNjDwdAFrANU0Onc0bIn8ot2z7rgDeHczuELuqIBLR9t96uwm1fjHIOxjpsDtyUS7MQQdHABOoQ7-481TErMkqK3l6oKPCS-sv2lIxE9Fpfw4eyFmnizSP8aiWUS4HgleAvGqey2pYAed8bJwfnahVme0wZUof9v9z-5zIsAf90P5uixBRt2r1KjODkV77XtfI-Zp9_LvCGXAd1Yfo3rAeYa8u0SiC8beO0vFfENVDcY-nIt12HlQ==&c=F744vAD6UpqGrW5p2KMOismUnpmyDFz0kksFb5UDRV7UsIRhsE-OeQ==&ch=gG0deH0YcO0WtjF1c-KWnFLZD02LjqHHkrJEFGG9kxi4e-Q_bb_M_A==)

As we prepare to send the first woman and next man to the Moon,

﻿NASA is looking for the next class of Artemis Generation astronauts.

**Applications are due March 31**.

<https://www.nasa.gov/press-release/explorers-wanted-nasa-to-hire-more-artemis-generation-astronauts>

If you have any questions concerning Math News Information, the Standards Align System (SAS), or information regarding Curriculum, Instruction or Assessment please contact me, Kevin Mauro, Mathematics Curriculum Advisor at [kmauro@pa.gov](mailto:kmauro@pa.gov).