

DEPARTMENT OF SPECIAL SERVICES
Township of Union Public Schools
M-E-M-O-R-A-N-D-U-M

TO: Dr. Scott Taylor

C: Gerald Benaquista, Yolanda Koon, Kim Conti, Julia Vicidomini, Diane Cappiello

FROM: Chris Carew

RE: Board Agenda

DATE: 08-03-2021

Approve the following applications for use by district students and staff. Applications include ModMath 2.0 Access; Scanner Pro 7; PDF Expert 7; Number Pieces Virtual; Number Line Virtual; and Patterns Shapes Virtual. Total cost is not to exceed \$100.00.

Account # (11-213-100-610-02-19-7905)

ModMath2.0

Introducing the new and improved Mod Math - Now for Algebra students too.

The first free math iPad app to help kids with dysgraphia just got better. Like the original version, you can still use the touchscreen and keypad to set up and solve math problems without ever picking up a pencil. But in addition to basic math problems, Mod Math now handles complex algebraic equations too—from multiplication and long division to variables and quadratic equations. Dysgraphia affects kids with dyslexia, ADHD, autism, dyspraxia and other disabilities. Mod Math helps to level the playing field.

About:

We developed ModMath because our son has both dyslexia and dysgraphia. So writing legibly is nearly impossible. And that makes acquiring new math skills difficult. If a student can't read his own writing, or if the number columns don't line up, how is he supposed to master math concepts like regrouping, long division, or multiplication with multiple digits, not to mention more complex concepts like algebra?

Our goal in creating an assistive technology was to make things easier not just for our son, but for any child that struggles with a learning disability or a physical disability.

With this new version, you'll now have the option of buying several additional symbols like pi, infinity, sigma and therefore. We hope to raise additional funds so we can continue to add new features.

Our next project would be an option where students can upload their worksheets directly into the ModMath grid. And we still hope to create a ModMath version for desktop and Android users. So, even if you don't need these additional symbols, please know that buying them is an investment in your child's future math needs. Or, click the donate button to send a gift of any amount.

Scanner Pro Plus 7

Scanner Pro is the best scanning app for your iPhone and iPad.

Scan agreements, receipts, IDs, books, and more using your device and turn them into high-quality PDFs, so you can safely store and share them anywhere.

Experience the simplicity of on-the-go document scanning. It takes seconds to scan your travel expenses, convert paper sketches into digital copies, and save interesting articles and books for later. Due to its advanced image processing, Scanner Pro will automatically detect borders, correct perspective and distortions, remove shadows, making your scans look professional. Finally, share, email and upload your perfect scans anywhere.

TEXT VISION (OCR)

Turn your scans into text, so you can read, copy, and export it to other apps. Scanner Pro supports 25+ languages: Catalan, Croatian, Simplified Chinese, Traditional Chinese, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Latin, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Swedish, Tagalog, Turkish and Ukrainian.

FULL TEXT SEARCH

Search through the text of your scans, not just their titles. Quickly find any scan no matter how it's named.

SMART WORKFLOWS

Automate your flow and perform multiple actions in just one tap. First, choose your actions – rename documents, send an email, upload to Dropbox, save to the required folder and much more. Then, with just one tap Scanner Pro will complete all of these actions, while you solve more important problems.

AUTO UPLOAD TO CLOUD

Scanner Pro can automatically upload your scans to Dropbox, Evernote, Google Drive, Box, iCloud Drive, OneDrive, OneNote or any other WebDAV-enabled online storage.

SHARE YOUR SCANS

Share as many scans as you want for FREE. Send scanned documents via email, export to Photos or open in any 3rd party application. Also, you can print your documents or even fax them to most countries and territories.

PROTECT YOUR PDFs Protect your document library with a secure password, Face ID, or Touch ID. Share password-protected scans to shield them from prying eyes.

CLOUD SYNC

Keep your documents handy when on-the-go. Scan a document on your iPhone or iPad and access it on all your other devices.

EDIT. SAVE. EDIT AGAIN

Unlike other apps, Scanner Pro saves the original document that you scanned. This means you can always go back and reverse the edit changes or annotations you made.

* Current Scanner Pro PLUS subscription price starts at 19.99/year with a 7-day trial.

* If you choose to purchase Scanner Pro PLUS, payment will be charged to your iTunes account, and your account will be charged for renewal within 24 hours prior to the end of the current period.

* Subscriptions may be managed by the user and auto-renewal may be turned off by going to the user's Account Settings after purchase.

* Prices are in US dollars, may vary in countries other than the US, and are subject to change without notice.

* Any unused portion of a free trial period, if offered, will be forfeited when the user purchases a subscription to that publication.

* If you don't choose to purchase Scanner Pro PLUS, you can simply continue using Scanner Pro for free.

PDF Expert

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- Quickly open PDF documents from email, the web, or any app that supports “Open In...”
- Enable full-text search, scroll, zoom in and out.
- Choose Single Page or Continuous scroll mode.
- Use the Text to Speech feature to hear the selected text read out loud.

HIGHLIGHT AND ANNOTATE PDFs

- Mark important info in books or documents with the first class annotation tools: highlight, underline, strikethrough and others.
- Insert predesigned stamps such as Approved, Not Approved, Confidential and more.

WORK IN THE CLOUD

- Connect to other document storage providers like Dropbox, iCloud Drive, Box, OneDrive, Google Drive, etc.
- Enable 2-way sync with storage to provide continuous work with documents among all devices.

CREATE NOTES

- Add comments to the texts you read using sticky notes and drawing tools.

MAKE BOOKMARKS

- Make Bookmarks when it comes to intuitive navigation through PDF files.

FILL FORMS

- Work with static PDF forms created in Adobe Acrobat.
- Fill out any PDF forms with interactive fields such as text fields, checkboxes and radio buttons.

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- Express yourself with amazing stickers that can be used right inside your PDFs.

*** WITH PRO FEATURES OF THE SUBSCRIPTION***

With the additional PRO subscription, you can get unique PDF superpowers.

EDIT ORIGINAL PDF TEXT

- Edit or modify existing text. The font, size, and opacity of the original text are automatically detected, so you can make edits easily.

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- Easily add, replace and resize images in your PDFs. Or change a logo or a graph. PDF Expert will handle those edits easily.

SIGN DOCUMENTS

- Use e-signatures to sign contracts and agreements on the go.

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PROTECT CONTENT WITH PASSWORD

- Restrict access to PDF Expert with a password.
- Protect your files from unauthorized reading with a password.

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- Quickly access your favorite tools with a fully customizable toolbar.

CONSTRUCTION TOOLS

- Scale and measurement tools.
- Polygon and polyline shapes.
- Redline tools.

ADD LINKS

- Now linking any part of the text to a different page or even a website is fast. Moreover, links can be added to images.

REDACT SENSITIVE DATA

- Using the Redact feature you can permanently erase or hide any sensitive information in your PDFs.

CONVERT TO PDF

- Convert webpages, photos, and documents to PDF right in PDF Expert in a snap. Converting happens locally on your device, so your files are absolutely secure.

Number Pieces, by MLC

Number Pieces helps students develop a deeper understanding of place value while building their computation skills with multi-digit numbers. Students use the number pieces to represent multi-digit numbers, regroup, add, subtract, multiply, and divide.

FEATURES

- Add and manipulate pieces (ones, tens, and hundreds).
- Change the starting set of pieces to a basic or an advanced set.
- Join pieces in groups of ten or break them apart (e.g., 10 ones into 1 ten and vice versa).
- Use the expanding edge piece like a measuring tape to show the dimensions of arrays created with the pieces.
- Choose from three different colors to clearly identify groups or pieces.
- Move, rotate, and duplicate pieces individually or as a group.
- Use the drawing tools to label representations and show understanding.
- Add equations, expressions, and descriptions with the math text and writing tools.
- Zoom and scroll to work with larger collections of pieces.
- Save your work by saving an image or providing a share code to others.

ABOUT US

This resource is brought to you by The Math Learning Center, a nonprofit organization dedicated to K-12 education since 1976.

ACKNOWLEDGEMENTS

Number Pieces Basic was made possible by a generous donation from Dr. David Moursund.

This app was crafted by Clarity Innovations. We help improve teaching and learning by creating solutions that match promising technologies with the needs of education.

Visit us: www.clarity-innovations.com

Number Line, by MLC

Number Line helps students visualize number sequences and demonstrate strategies for counting, comparing, adding, subtracting, multiplying, and dividing. Choose number lines labelled with whole numbers, fractions, decimals, or negative numbers. Or use a blank number line, with or without tick marks.

Describe intervals between points on the line using forward or backward jumps above and below the line. Jumps can be labelled with their values or left blank. Add custom tick marks to the number line to show equivalence or compare number values. Show strategies with drawing and annotation tools.

Hide elements of the sequence shown on the number line, which challenges students to use what they know about number relationships and computation to identify those missing elements.

This virtual number line is an open-ended educational tool, ideal for elementary classrooms and other learning environments that use iPads.

For more Number Line resources and other apps, visit:

www.mathlearningcenter.org/apps

FEATURES

- Mark the number line with multiples of whole numbers, fractions, or decimals. In addition, set the starting value of the line, including using negative values.

Add and manipulate forward and backward jumps, above or below the line.

- Label jump bars, manually or automatically, to show intervals or hide labels altogether.
- Add custom tick marks and values to blank number lines.
- Hide and reveal numbers on the number line.
- Hide and reveal jumps, numbers, and other elements with resizable covers to create your own problems and model strategies.
- Use the drawing tools to annotate work and show understanding.
- Add equations, expressions, and descriptions with the math text and writing tools.
- Share your work by saving an image or providing a share code to others.

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Patterns Shapes, by MLC

Students use Pattern Shapes to explore geometry and fractions, creating their own designs, or filling in outlines. As they work with the shapes students explore geometric relationships, think about angles, investigate symmetry, and compose and decompose larger shapes. Many of these explorations lead naturally to thinking about fractions as parts of a whole.

This virtual version of pattern blocks is an open-ended educational tool, ideal for elementary classrooms and other learning environments that use iPads. Pattern blocks are a key model used in Bridges in Mathematics, second edition. Online preview available at: www.mathlearningcenter.org/bridges

FEATURES

- Rotate shapes in increments of 15 degrees.
- Measure angles with the protractor tool.
- Duplicate and change the color and size of shapes.
- Fill the built-in outlines with shapes or create your own to share with others.
- Choose between a triangular or square grid, or a blank background.
- Hide and reveal work with resizable covers to create your own problems and model strategies.
- Use the drawing tools to annotate work and show understanding.
- Add equations, expressions, and descriptions with the math text and writing tools.
- Share your work by saving an image or providing a share code to others.

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www.mathlearningcenter.org

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