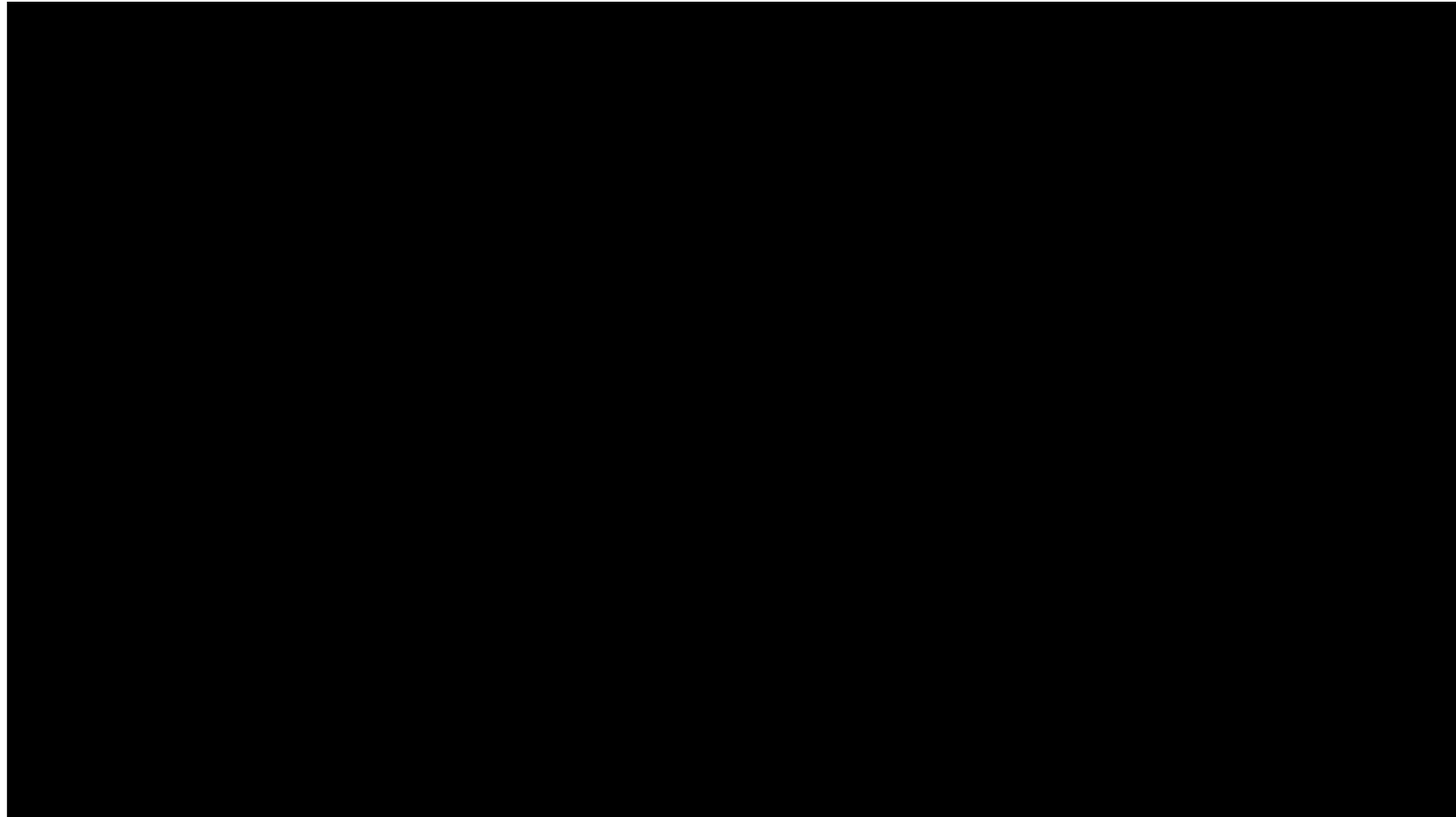


THE LATEST AND GREATEST WITH IPADS IN MUSIC EDUCATION

*MMEA Mid-Winter Conference
February 12, 2016
Christopher J. Russell, Ph.D.*

Need or want a handout? Visit technmusiced.com and download the PDF!

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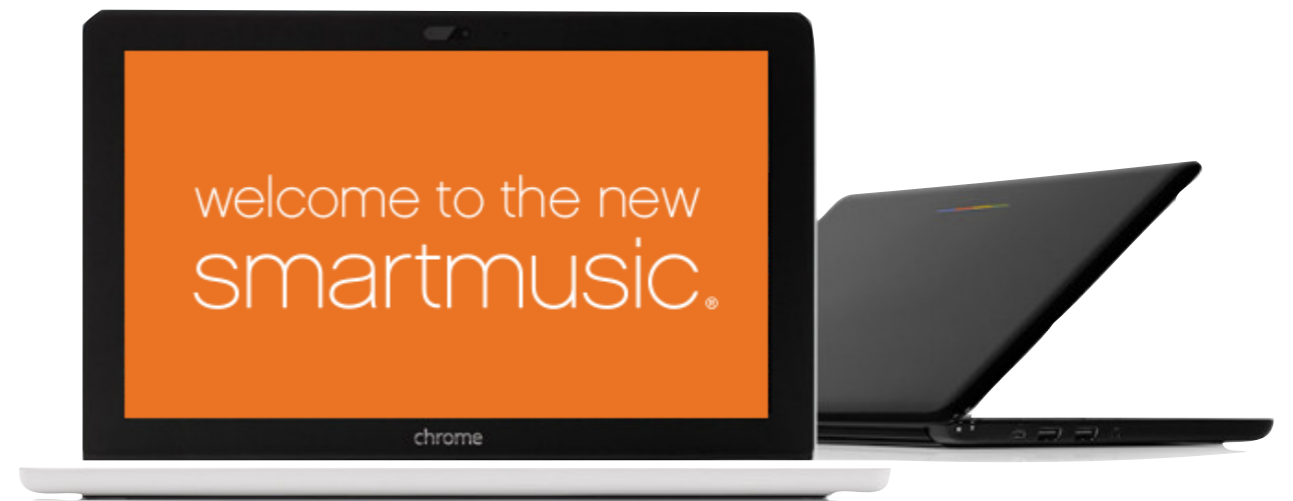
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WE MUST ACKNOWLEDGE THE POPULARITY OF THIS DEVICE

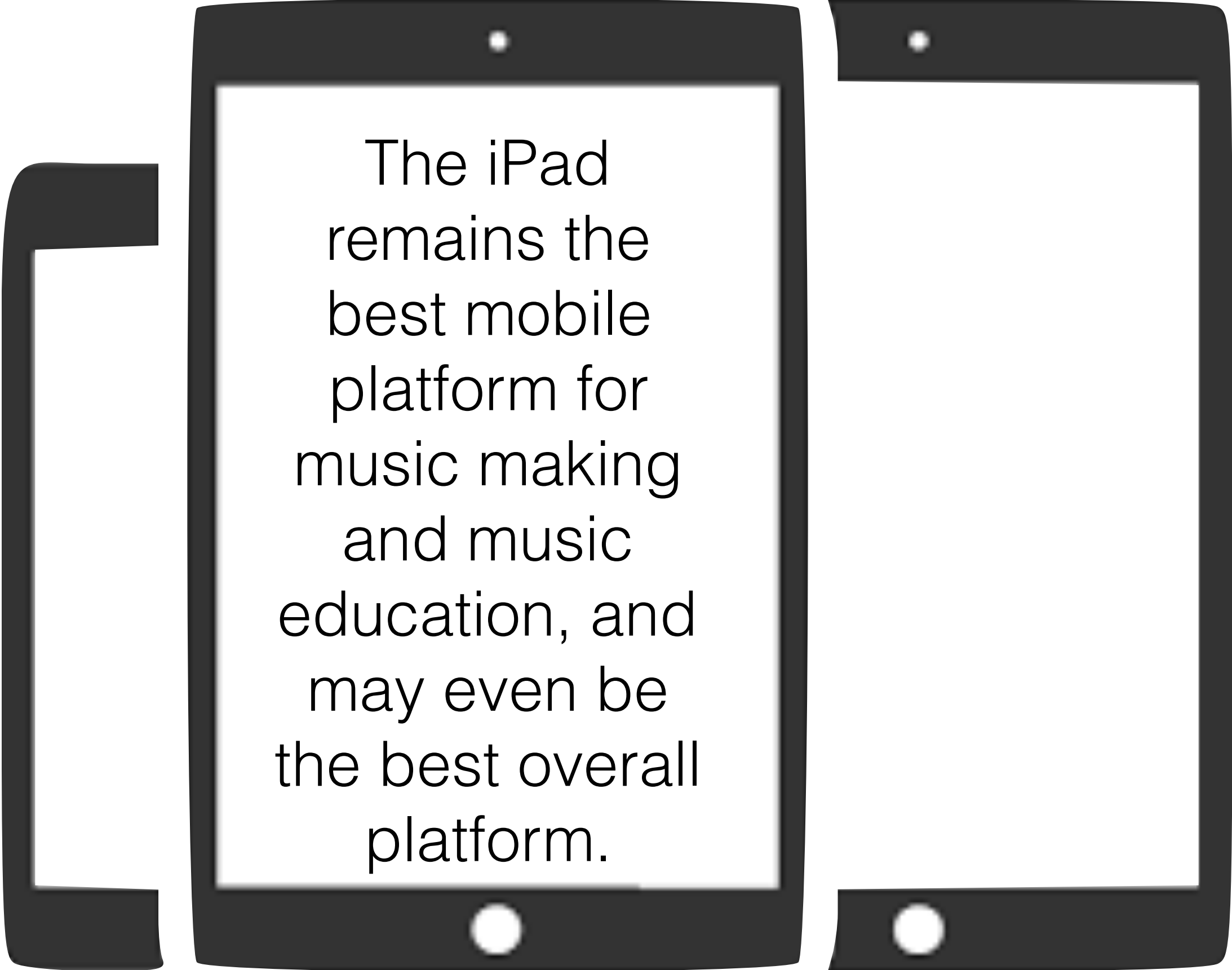


GROWING SOLUTIONS

- Coming web MIDI integration
- Noteflight & Noteflight Learn
- flat.io
- SoundTrap
- Sight Reading Factory
- Green Note/Red Note
 - SmartMusic (fall 2016)
 - PracticeFirst
- MusicFirst
- Be careful about **integration vs. outegration**



**BUY A DEVICE FOR WHAT IT
CAN DO TODAY, NOT FOR WHAT
IT MIGHT DO IN THE FUTURE**



The iPad
remains the
best mobile
platform for
music making
and music
education, and
may even be
the best overall
platform.

HARDWARE

- iPad Mini 4
- iPad Air 2
- iPad Pro (& Pencil)

All have Touch ID

*Buy no iPad with less
than 64GB of memory*



Image by Steven Sande, Used with Permission

OPERATING SYSTEM

- iOS 8: Bluetooth MIDI
- iOS 9: Split Screen functions on certain devices
- iOS 9: Missing: Force Touch/3D Touch
- iOS 9.3
 - School managed iPad Accounts
 - Multi-User iPads (classroom sets)
 - POS/TOS
- Is this what was needed, but too late?

iOS in Education.
The best classroom experience is about to get better.

Technology can reshape education. And iPad, with its powerful features and apps, opens up new, more engaging ways of learning. With the iOS 9.3 beta, you'll find a preview of new features that will make it even easier for schools to put devices where they'll have the greatest impact — in the hands of students.



The image shows three iPads. The leftmost iPad displays a human anatomy diagram of the circulatory system. The middle iPad shows a classroom management app interface titled 'My Classes' and '3rd Grade', featuring a grid of student avatars and icons for 'Assign', 'Open', 'Navigate', 'Lock', 'Log Out', and 'Screen'. The rightmost iPad displays a weather and moon phase app for 'April 22, 2016', showing a large sun, moon phases, and weather details like '6:2 Day length' and '7:5 Sets at'.

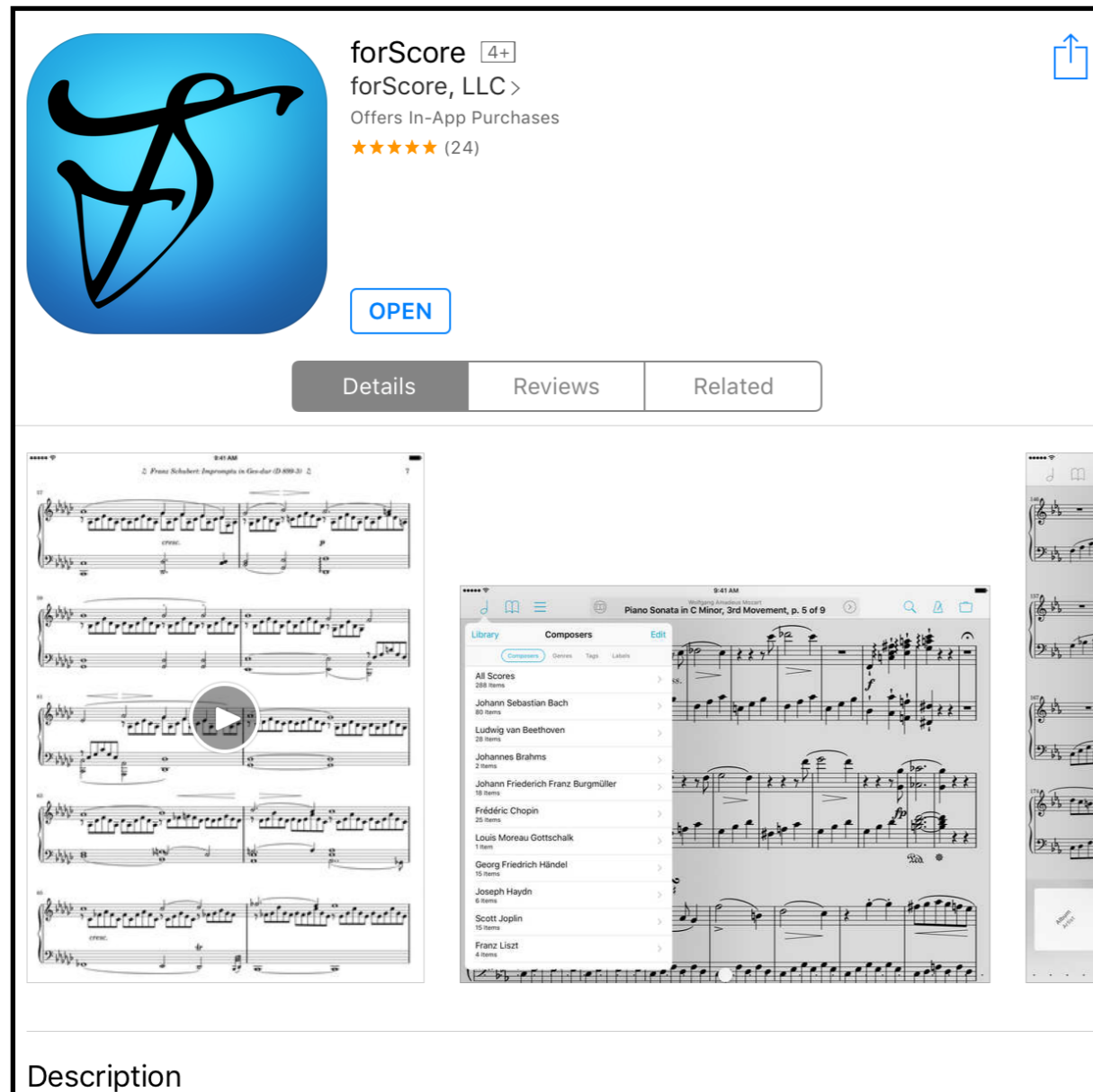
ACCESSORIES

- Apple Pencil (Only with iPad Pro [thus far])
- Bluetooth Styluses (Adonit Jot Dash)
- Bluetooth Pedals (AirTurn)
- Bluetooth MIDI
 - JamStik+ by Zivix (here at MMEA)
 - PUC+ by Zivix
 - mi.1 by Quicco Sound (MIDI in/out)
 - C.24 by Miselu
 - XKey Air (CME/Virgin Musical Instruments)
- iPad Stands: theGigEasy.com
- Apple Watch, Apple TV, Reflector

AMAZING APPS

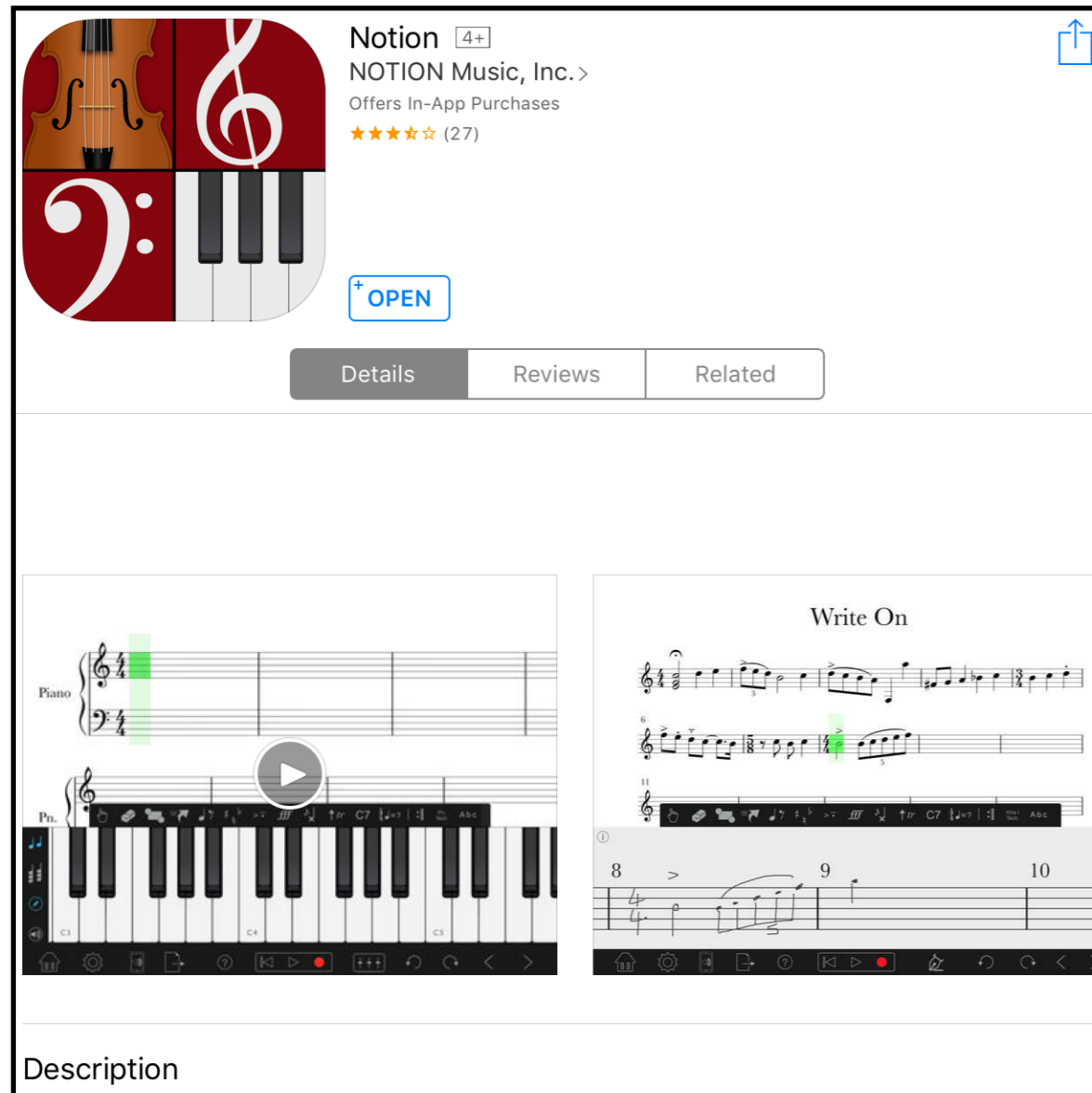
- There are hundreds, if not thousands of quality music apps on iOS
- Stop by my website, techinmusiced.com, for longer lists of apps
- The following 10 apps are either long-time apps that have kept getting better, or new(er) apps
- Many of these apps could have their own sessions
- We can look at each of these with the time that remains

AMAZING APPS: FORSCORE



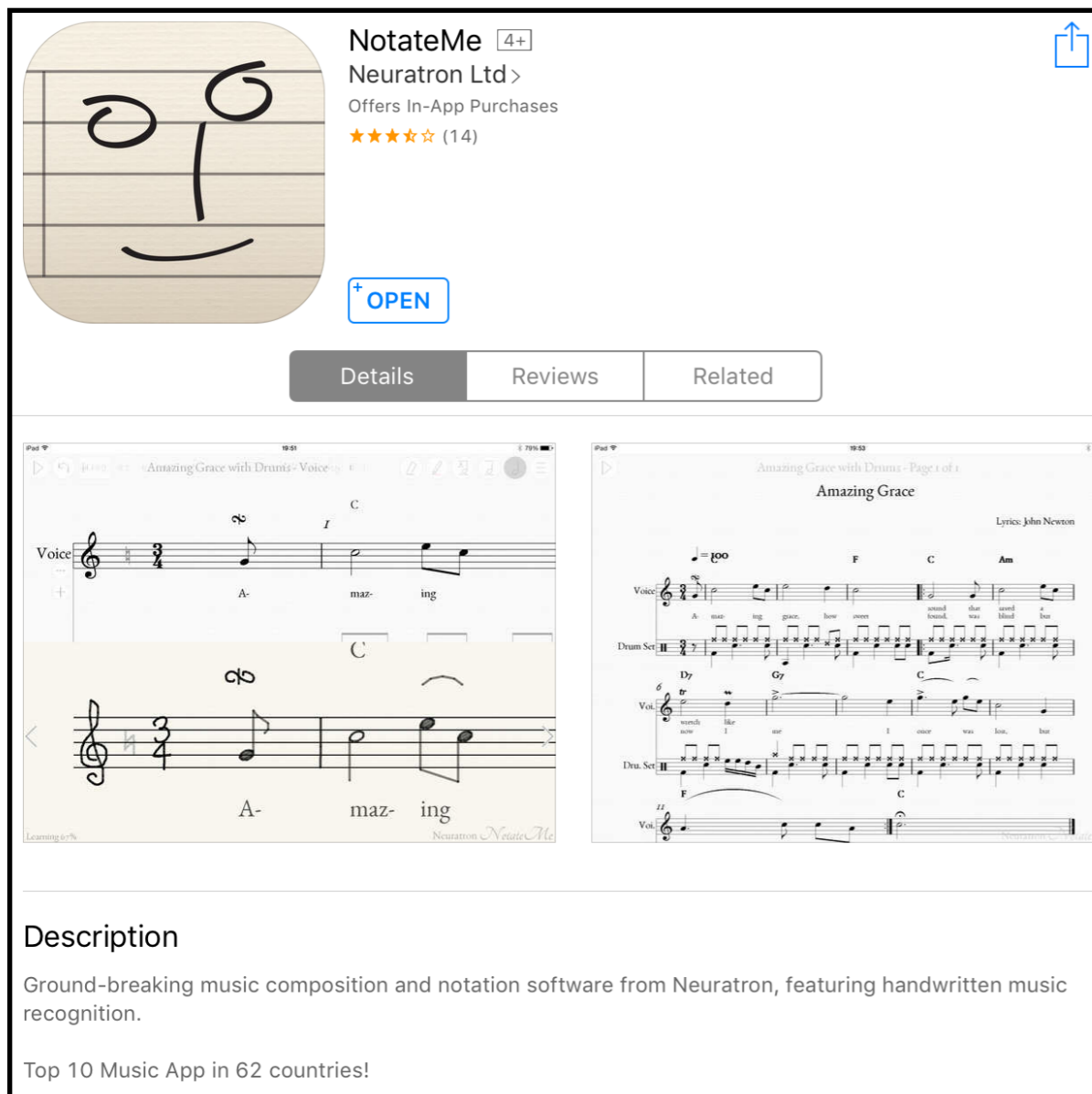
- Sheet music on your iPad. Finally feasible for band/orchestra directors with the iPad Pro
- New features: iPad Pro and split view enhancements

AMAZING APPS: NOTION



- Stable music notation app and incredible playback.
- New Feature: iCloud and handwriting (IAP)

AMAZING APPS: NOTATEME WITH PHOTOSCORE IAP



NotateMe 4+
Neuratron Ltd >
Offers In-App Purchases
★★★★☆ (14)

[+ OPEN](#)

Details | Reviews | Related

Amazing Grace with Drums - Voice

Amazing Grace

Lyrics: John Newton

Learning 67%

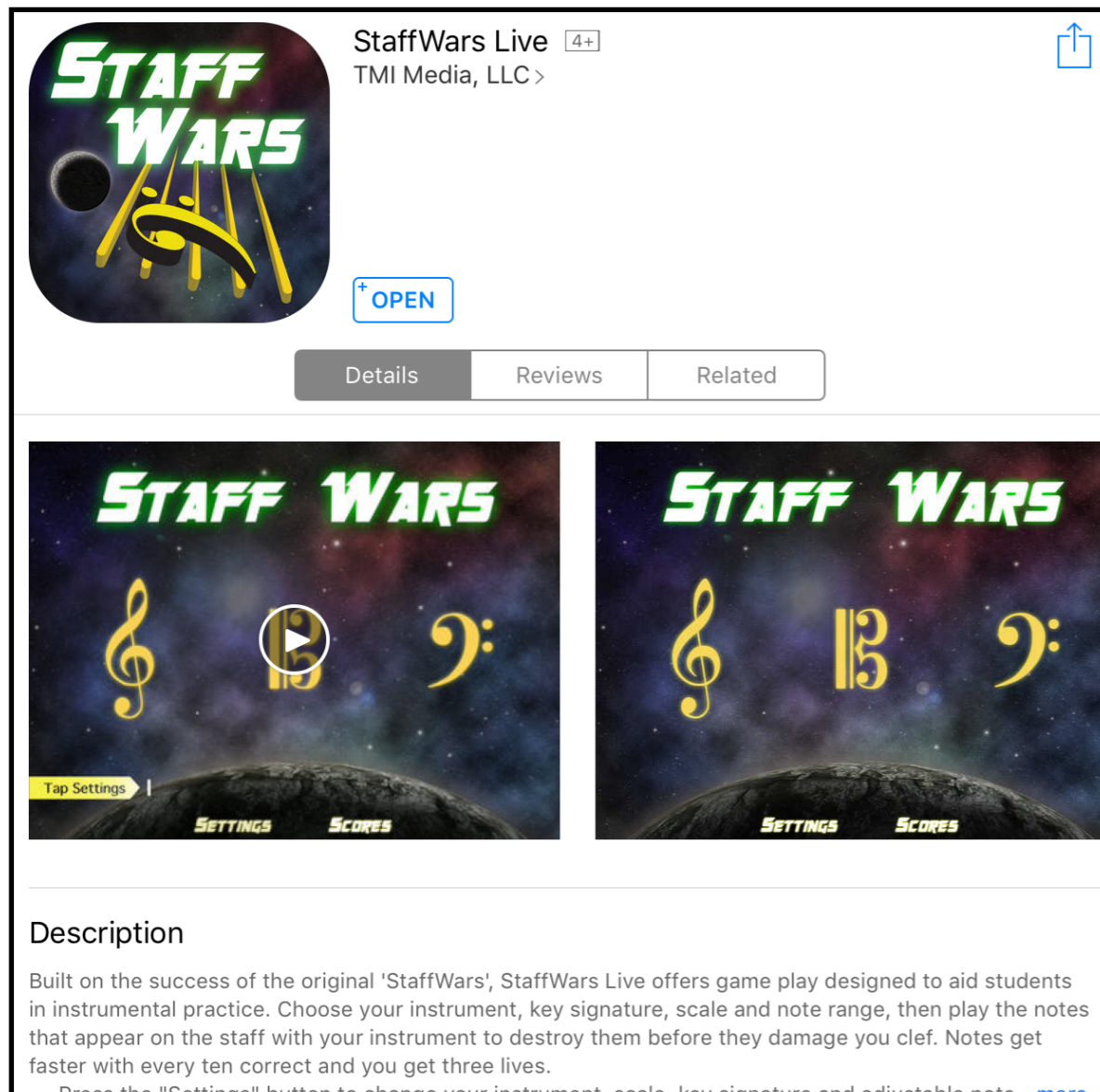
Description

Ground-breaking music composition and notation software from Neuratron, featuring handwritten music recognition.

Top 10 Music App in 62 countries!

- Handwriting to digital notation.
- Most important feature: highly accurate scanning. (Use white background & good lighting)

AMAZING APPS: STAFF WARS LIVE



StaffWars Live 4+
TMI Media, LLC >

[OPEN](#)

Details Reviews Related

STAFF WARS

Tap Settings | **SETTINGS SCORES**

STAFF WARS

SETTINGS SCORES

Description

Built on the success of the original 'StaffWars', StaffWars Live offers game play designed to aid students in instrumental practice. Choose your instrument, key signature, scale and note range, then play the notes that appear on the staff with your instrument to destroy them before they damage you clef. Notes get faster with every ten correct and you get three lives.

Press the "Settings" button to change your instrument, scale, key signature and adjustable note...

- Themusicinteractive.com
- Like StaffWars Version 2, student plays note to destroy note before it hits the clef
- New app
- Simple note version (Staff Wars) also available

AMAZING APPS: NINGENIUS

NinGenius Music - School Edition 4+
Anthony Winters >
★★★★★ (7)

[OPEN](#)

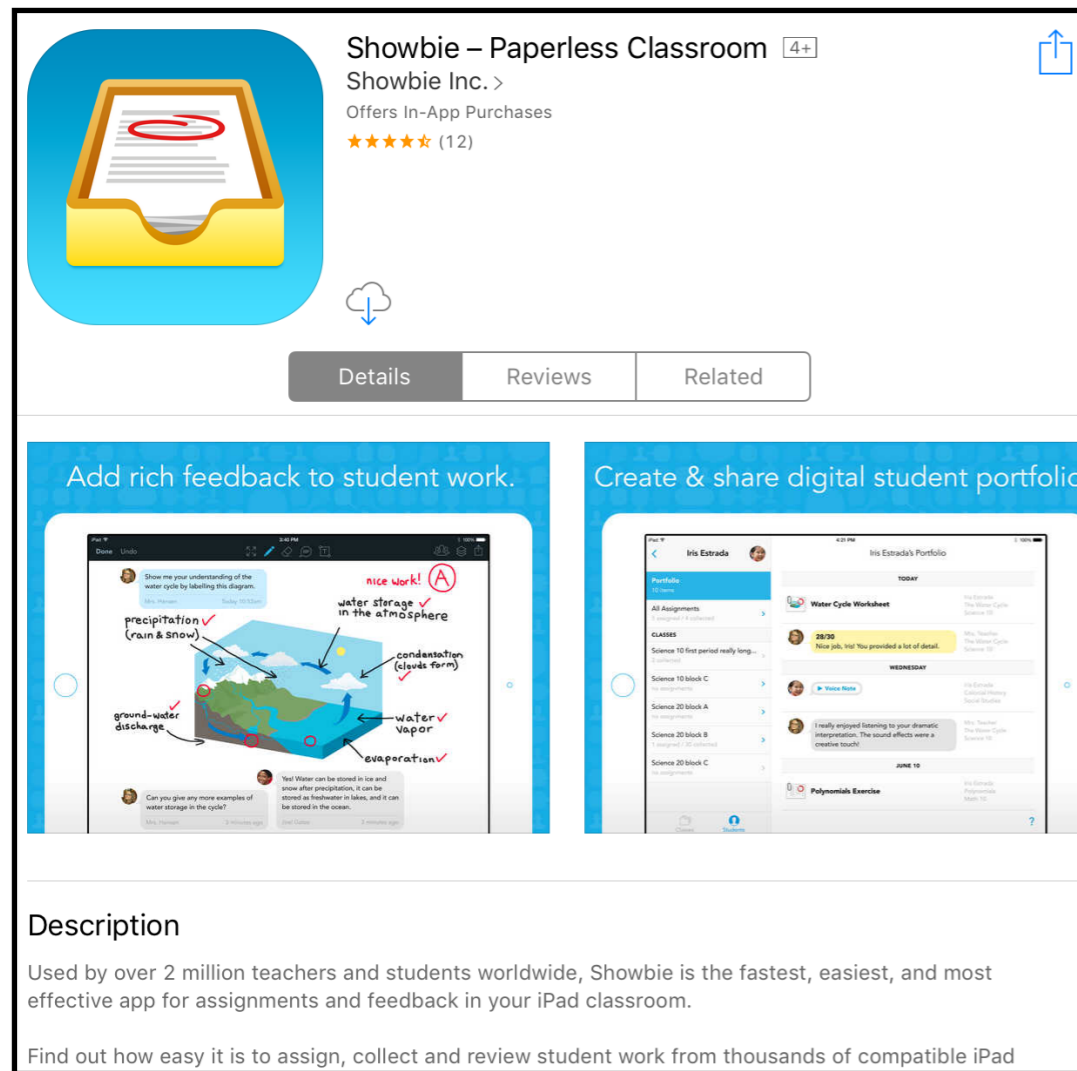
[Details](#) [Reviews](#) [Related](#)

DESCRIPTION

NOTICE: We have had reports of the app crashing on startup when used with iOS 7.0. Upgrading to at least iOS 8.0 has proven to correct this issue in every case. Apologies for any inconvenience this has caused. It will be corrected in the next release.

- New way of teaching/reinforcing fingering to notes on the staff
- Three versions: solo, studio, and school

AMAZING APPS: SHOWBIE



Showbie – Paperless Classroom 4+
Showbie Inc. >
Offers In-App Purchases
★★★★☆ (12)

Details Reviews Related


Add rich feedback to student work.

Create & share digital student portfolios

Description
Used by over 2 million teachers and students worldwide, Showbie is the fastest, easiest, and most effective app for assignments and feedback in your iPad classroom.
Find out how easy it is to assign, collect and review student work from thousands of compatible iPad

- In a 1:1 iPad setting, this is a lifesaver.
- Worksheets
- Repository for videos (teacher or student), audio, other work
- "SmartMusic Lite"
- Portfolios, Parent Access

AMAZING APPS: GARAGEBAND



GarageBand 4+
Apple >
Offers In-App Purchases
Essentials
★★★★☆ (624)

+ OPEN

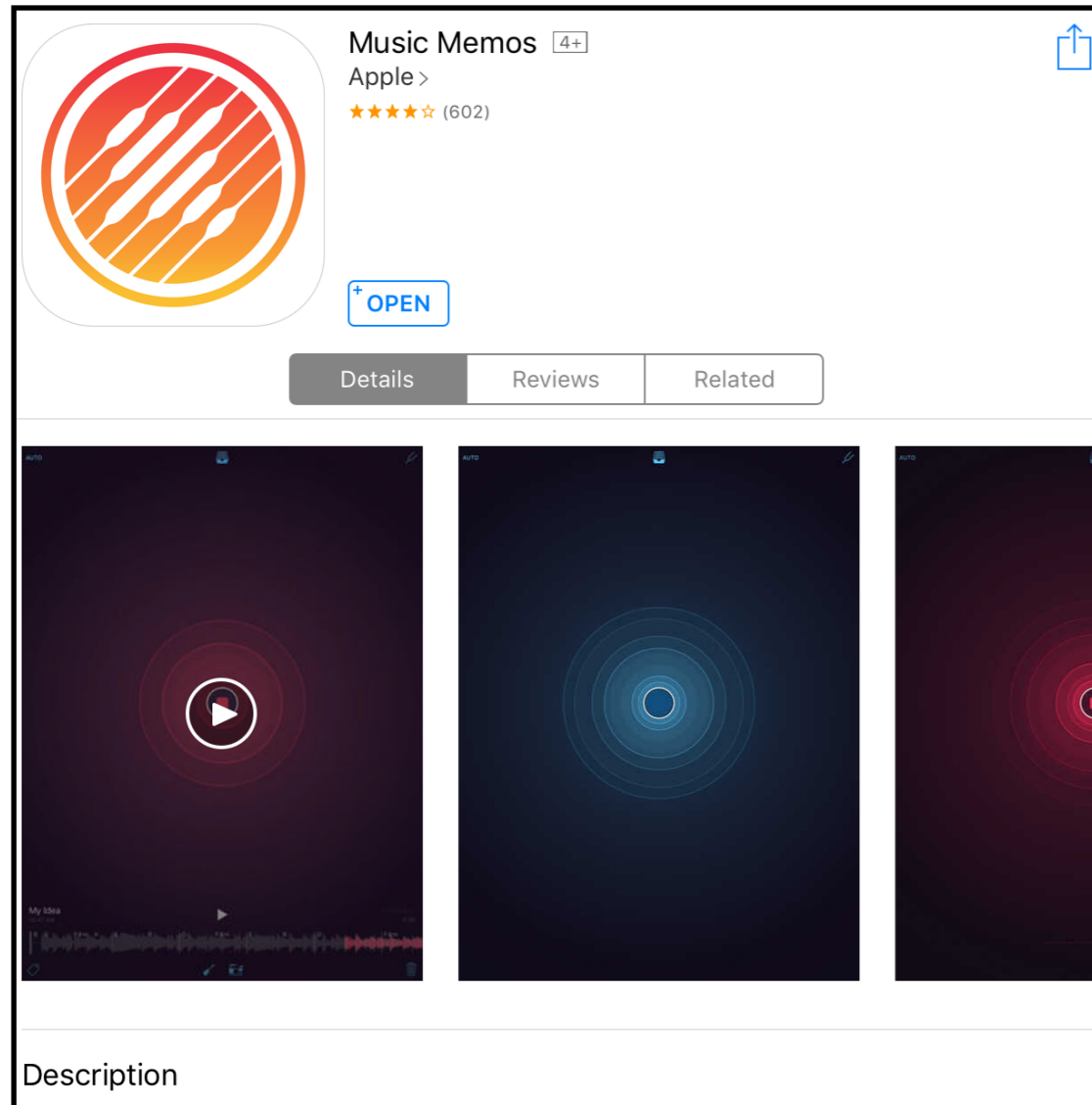
Details Reviews Related

Description

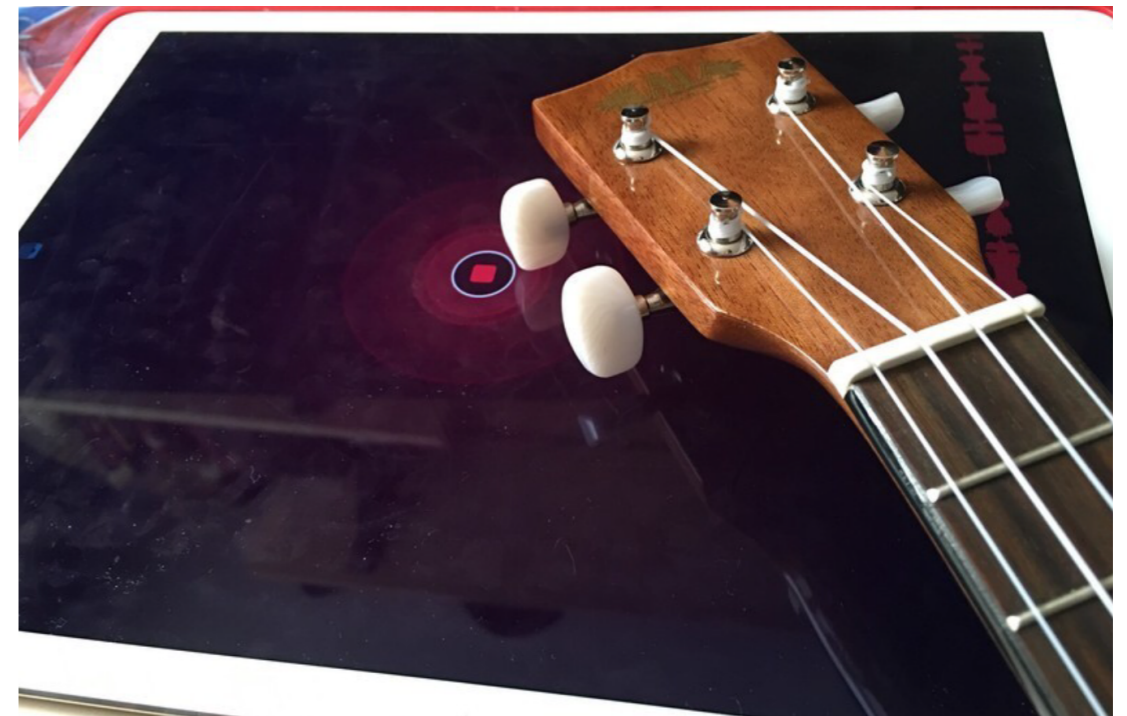
GarageBand turns your iPad, iPhone, and iPod touch into a collection of Touch Instruments and a full-featured recording studio — so you can make music anywhere you go. And now Live Loops makes it easy for anyone to have fun creating music like a DJ, by triggering loops and audio effects in real time. Use Multi-Touch gestures to play a piano, organ, guitar, and drums. They sound and play like their counterparts, but let you do things you could never do on a real instrumen...[more](#)

➤ New live drummer and live loops

AMAZING APPS: MUSIC MEMOS



- Unexpected song writer's notepad from Apple



AMAZING APPS: MUSICLOCK

MusiClock - Scale trainer and improvisation practice tool for piano and guitar with scale ch...
perTunes Oy >
★★★★★ (9)

[OPEN](#)

Details | Reviews | Related

Always hit the right note

Easy-to-read guitar charts

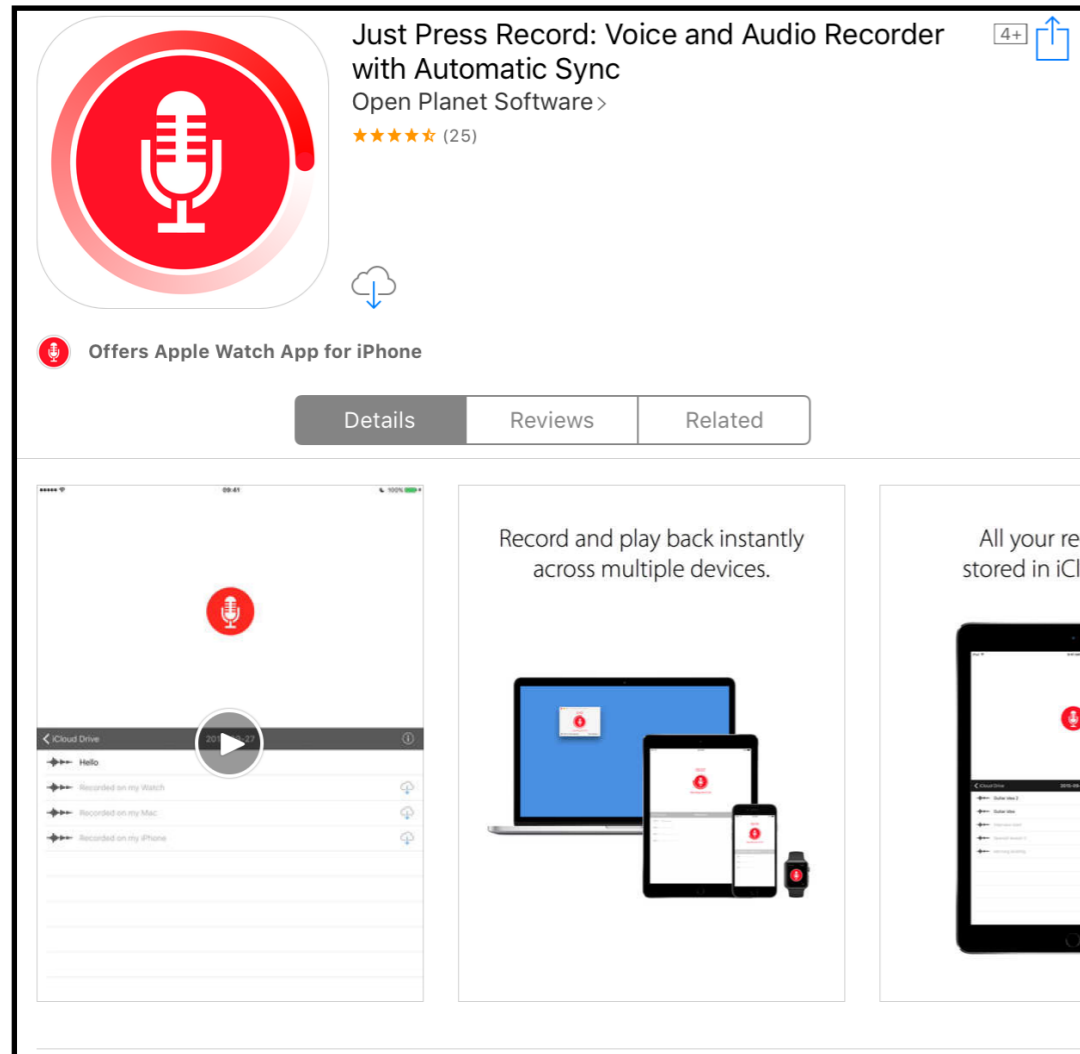
Practice with backin...

Jazz, rock, pop, blu

Description

➤ Improvisation trainer

AMAZING APPS: JUST PRESS RECORD



➤ Easy recordings to iCloud

Photo by Jane Chapman of John English Junior Middle School, Toronto



TECHINMUSICED.COM

Christopher J. Russell, Ph.D.

Please feel free to contact me about anything in the world of music and technology!