MOBILE SUPPORTS FOR THE DIVERSE LEARNER - THE IPAD EDITION

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52 percent of college students now own tablets
–Harris Poll
EXECUTIVE FUNCTIONING

- Organization
- Emotional Management
- Time Management
- Academic Challenges
EXECUTIVE FUNCTIONING SKILLS IN COLLEGE

- Self-Regulation
- Attention
- Task Initiation
- Organization
- Planning and Prioritizing
- Time Management
- Mental Flexibility
WHY IPAD

- Visual, Auditory and Tactile
- Instructional Technology
- Assistive Technology
ADVANTAGES OF IPADS

• Portability
• Cheaper than laptops
• Apple Ecosystem Syncing
• iPadOS
DRAWBACKS OF IPADS

- No Keyboard or Mouse
- Multi-tasking is More Difficult
- Apps Not as Robust
ACCESSIBILITY FEATURES
VISION

- VoiceOver
- Zoom
- Magnifier
- Display & Text Size
- Dictation
- Spoken Content
- Audio Descriptions
PHYSICAL AND MOTOR

- Touch
- Switch Control
- Voice Control
- Pointer Control
- 3rd Party Keyboards
- Apple Pencil
- AirPods
HEARING

- Hearing Devices
- Sound recognition
- Live Listen
- Subtitles & Captioning
- FaceTime Sign Language Prominence
LEARNING SUPPORTS

- Siri - Speech Recognition
- Spoken Content
- Guided Access
- Predictive Text
- Safari Reader
- 3rd Party Keyboards
DISPLAY & TEXT SIZE

Settings>Accessibility>Display and Text Size
ZOOM

Settings>Accessibility>Zoom
MAGNIFIER

Settings>Accessibility>Magnifier
SPEAK SELECTION

Settings > Accessibility > Spoken Content > Speak Selection
Settings > Accessibility > Spoken Content > Speak Screen
HIGHLIGHT CONTENT

Settings>Accessibility>Spoken Content>Highlight Content
KEYBOARDS

Settings>Accessibility>Keyboards>Full Keyboard Access
3RD PARTY KEYBOARDS

Settings>General>Keyboard>Keyboards>Add New Keyboard…
SUBTITLES AND CAPTIONING

Settings>Accessibility>Subtitles & Captioning
Settings > Accessibility > Audio Descriptions
LIVE LISTEN

Settings > Control Center > Click on Green Plus next to Hearing
MULTITASKING

Settings>Home Screen & Dock>Multitasking>Allow Multiple Apps
VOICE CONTROL

Settings > Accessibility > Voice Control
READER

Safari>Reader Button
BLUETOOTH MOUSE ACCESS

Settings>Accessibility>Touch>AssistiveTouch>Pointer
Devices>Bluetooth Devices
MOUSE ACCESS

iOS 13 or higher

USB-A to Lightning Adapter

(iPad Pro) USB-A to USB-C Adapter
ALTERNATE MOUSE ACCESS

• HeadMouse by Origin Instruments
• Glasouse
• TrackerPro 2 by Ablenet
FLOATING KEYBOARD

Pinch in on the keyboard until it shrinks or long-press on the keyboard icon to bring up the floating option and then tap it.

Spread two fingers to re-activate the full-size keyboard.
QUICKPATH KEYBOARD

Settings>General>Keyboards>Slide on Floating Keyboard to Type

Settings>General>Keyboards>Delete Slide-to-Type by Word
MULTITASKING OR SPLIT SCREEN

You can activate the second window of an app from the dock by first opening one instance of the app, and then holding the same app’s icon in the dock for a moment before dragging it up to the left or right. You can position the second instance to split the screen in half or to occupy one-quarter of the screen.
SLIDE OVER

Settings > Home Screen & Dock > Multitasking

> Allow Multiple Apps

> Gesture
REDUCE LOUD SOUNDS

Settings > Sounds & Haptics > Reduce Loud Sounds
SIGN LANGUAGE PROMINENCE

Group FaceTime calls on the iPad will automatically give more prominence to the tiles of any person using sign language.
VOICEOVER

Settings>Accessibility>VoiceOver
VOICEOVER FEATURES

• Supports over 70 braille displays
• Rotor
• On-screen Braille Keyboard
• Customizable Gestures
• Activities
VOICEOVER

Braille Display Support for Reading and Navigation

On-Screen Braille Keyboard

Closed Captions in Braille

Apple Keyboard Control
SWITCH CONTROL

Settings>Accessibility>Switch Control
VOICE CONTROL

Settings>Accessibility>Voice Control
APPLE NOTES

Document Scanner

Markup

Access from Lock Screen

Sharing Notes
WRITING SUPPORT

- Ghotit Real Writer
- Voice Dream Writer
- Co:Writer Universal
- iWordQ US
- Clicker DocPlus

When in the Course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume among the powers of the earth, the separate and equal station to which the Laws of Nature and of Nature's God entitle them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.
NOTE TAKING APP FEATURES

- Features you need
- Quick and Easy to Use
- Always Available
- Affordable

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NOTE TAKING APPS

- Microsoft OneNote
- Notability
- NotePad+
- EverNote

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AUDIO NOTE TAKING APPS

• Glean
• AudioNote 2 - Voice Recorder
• Notability
• SoundNote
• Just Press Record
CALENDAR APP FEATURES

• Easy to Use
• Full Features
• Simple to Share
• Multiple Devices
CALENDAR APPS

• Apple Calendar
• Google Calendar
• Microsoft Outlook
• calendar.com
• Fantastical 2
• Easy to Add Tasks
• Multiple ways to Organize Tasks
• Simple Interface
• Reminders
• Syncs with other Devices
TO DO LIST APPS

- Things
- Todoist
- OmniFocus
- Reminders
- GoodTask
- Microsoft To Do
WRITING APPS

- Ghotit Real Writer
- Voice Dream Writer
- Co:Writer Universal
- iWordQ US

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FOCUS APP FEATURES

• Blocking Feature
• Set a schedule and/or a timer
• Persistant
• Offers Encouragement
FOCUS APPS

- Serene
- Forest - Stay Focused
- Focus - Time Management
A technique to help students focus on finishing a task by breaking your work into focused time blocks and separated by short breaks. After four consecutive working time blocks, they take a longer break.
POMODORO TECHNIQUE

25 Minute Work Block → 5 Minute Break → 25 Minute Work Block → 5 Minute Break → 25 Minute Work Block → 5 Minute Break → 25 Minute Work Block → 25 Minute Break

25 Minute Work Block → 5 Minute Break → 25 Minute Work Block → 5 Minute Break → 25 Minute Work Block → 5 Minute Break → 25 Minute Work Block → 25 Minute Break
POMODORO FEATURES

- Affordability
- Ease of use
- Extra features
- Integration with Other Apps or Devices
POMODORO APPS

- PomoDoneApp
- FocusList
- Pomotodo
- Be Focused
- Focus To-Do
- Pomodoro
OCR APP FEATURES

- Stand-alone
- Sharing
- Compensation Features
- Multiple Languages
OPTICAL CHARACTER RECOGNITION

- Prizmo 5
- FineScanner Pro
- VoiceDream Scanner
- SeeingAI
- Microsoft OfficeLens
READING SUPPORT APPS

- VoiceDream Reader
- Dolphin Reader
- Capti Narrator
- Read2Go
3RD PARTY KEYBOARDS

- Grammarly
- Keeble
- Dyslexia Keyboard
- Read&Write
3RD PARTY KEYBOARDS

- SuperKeys
- Phonetic Keyboard Ghotit
- Co:Writer Universal
- Math Keyboard
HOMEWORK APPS

- iStudiez Pro
- myHomework Student Planner
- iHomework 2
- Class TimeTable
GRAMMAR APP FEATURES

• Spelling and Grammar Check
• Contextual Spelling Correction
• Phonetic Spelling Correction
• Explanation
GRAMMAR APPS

- Grammarly
- Ginger Grammar Spellchecker
- Grammatica Grammar & Spelling
• Rearrange Pages
• OCR
• Full Editing Features
• Audio or Video Annotations
ANNOTATION APPS

- ClaroPDF Pro
- PDF Expert
- iAnnotate 4
- PDFPen 6

Dark chocolate is often said to be good for the health. Now, a study has found one reason why cocoa powder is beneficial for the heart and for weight control. The reason lies in the gut: *bacteria forming the gut flora break down chocolate components into molecules that reduce stress on the blood vessels.*

These findings were reported during the latest American Chemical Society (ACM) Meeting in Dallas by scientists from Louisiana State University, led by Professor John Finley.

Eating chocolate has been associated with benefits ranging from aphrodisiac effects to curing fatigue. Science has confirmed some of these benefits: *the cocoa contained in chocolate may reduce blood pressure and body weight* (even if these effects are partially cancelled out by the sugar and milk added in most commercial chocolate). The study presented at the ACM meeting has shown that bacteria in the gut contribute in making chocolate healthy.

The authors passed cocoa powder through a set of test tubes that simulate the environment of the human digestive tract, including bacteria normally present in gut microflora. The authors found that those bacteria break down some specific components contained in cocoa, called polyphenols. These molecules are too big to...
FLASHCARD APPS

- Quizlet
- SmartCards+
- Chegg
- Brainscape
- StudyBlue

Triple bond between atoms needs lots of energy to break

Reason nitrogen is inert
Uses of nitrogen
Properties of nitrogen
Making fertilisers
MIND MAPPING APPS

- MindNode
- iThoughts
- Coggle
- MindManager
- MindMeister
MATH SUPPORT APPS

- PhotoMath
- MathWay: Math Problem Solver
- MathPad
- Math Keyboard
HEARING APPS

- AVA
- OtterAI
- Live Caption
- Microsoft Translator
VISION APPS

- KNFB Reader
- Read2Go
- Talking Calculator
- Talking Scientific Calculator
COMMUNICATION APPS

- Proloquo4Text
- Predictable
- Verbally
- Speech Assistant AAC
STRESS MANAGEMENT APPS

- Moodistory
- MoodFit
- Mood Mission
- Self-help for Anxiety Management
- CBT Thought Diary
APPLE WATCH ACCESSIBILITY

- Extra-Large Watch Face
- Mono Audio
- Voice Dictation
- Scribble
APPLE WATCH ACCESSIBILITY

- VoiceOver
- Taptic Feedback
- Font Size
- Zoom
- Grayscale
APPLE WATCH

- Moodistory
- iStudiez Pro
- Just Press Record
- Focus
- Smart Cards+
- myHomework
- Proloquo4Text
- Todoist
- Merriam-Webster Dictionary
- Flashcards by NKO
- Mind Mapping - MindMeister
- Things 3