

EDUCAÇÃO SEM PAPEL

Paperless Study 27/09/2019
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COMO DIMINUIR AO
MÁXIMO A
QUANTIDADE DE
PAPEL?



MÁXIMA DIGITALIZAÇÃO

Para diminuir o uso de papel





DIGITALIZAR E SER PRODUTIVO?

Tornar digital é fácil...

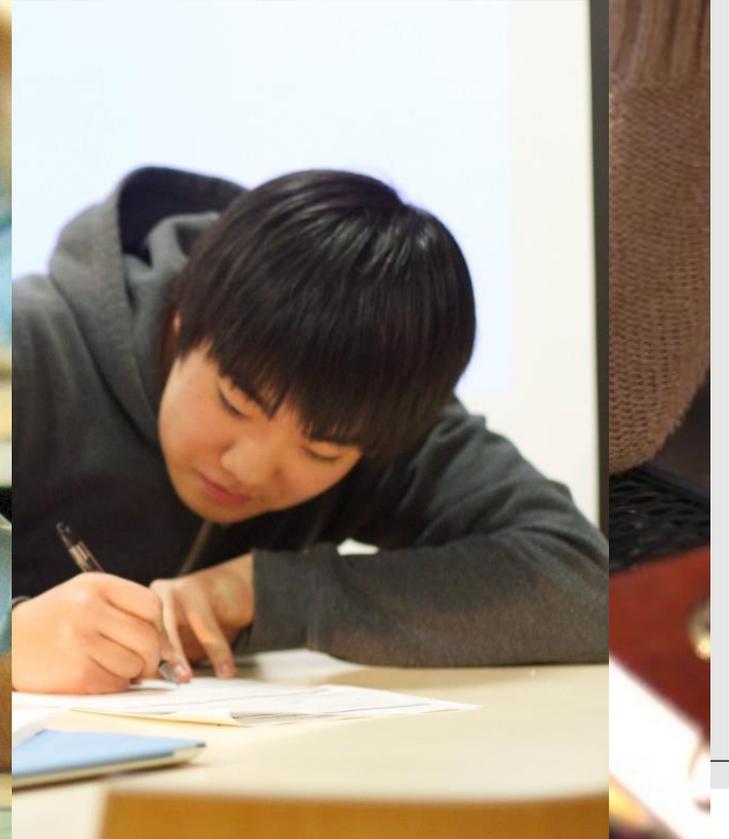


O QUE UM ESTUDANTE FAZ?

Ou o que ele poderia fazer digitalmente?

Atividade d

- Leitura livros
- Tarefas e Atividades
- Provas
- Anotações de aulas
- Lista do que fazer
 - Calendário





APPS?

Daqui a pouco

Perguntas importantes

- Onde as anotações são armazenadas?
- Como procurar algo já escrito?
- Estudar? Como vocês melhor aprende?



QUAL MELHOR
TELEFONE? TABLET?
LAPTOP?

Compatibilidade de Hardware / Software

- Motivos
 - **TEMPO** para
 - **Inserir** informações
 - **Consulta** informações
 - **Organizar** informações
 - Formato
 - Espaço



Onde ficam os documentos?

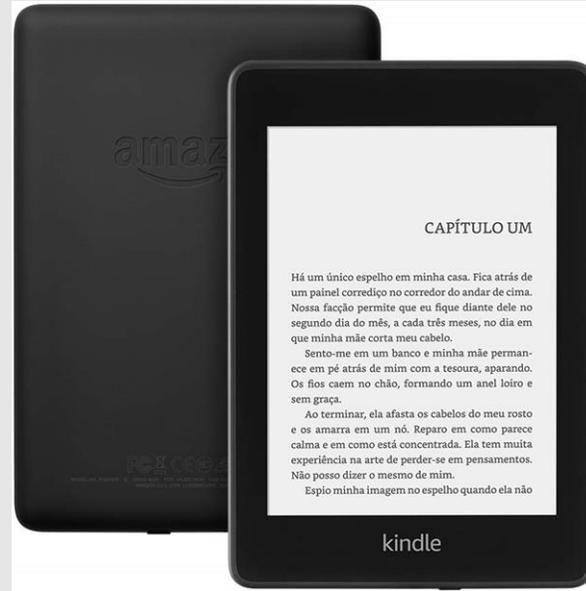


Software para cada atividade

- Não existe o melhor
- Veja sua necessidade X funcionalidades

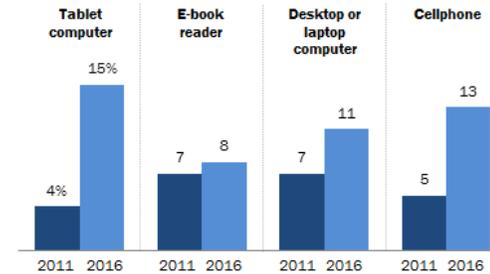
Livro

- Ebook, ePub
- Kindle
- PDF
- Anotações



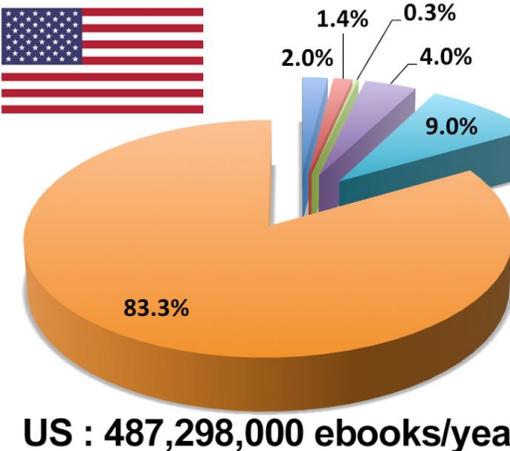
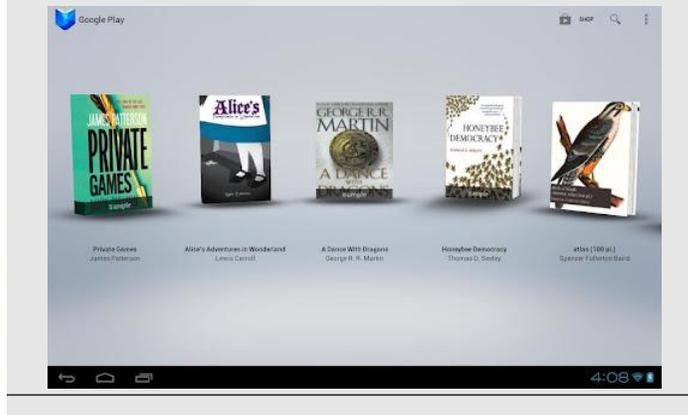
More Americans are reading books on tablets and cellphones, even as dedicated e-reader use has remained stable

% of U.S. adults who have read an e-book in the last year using a/an...

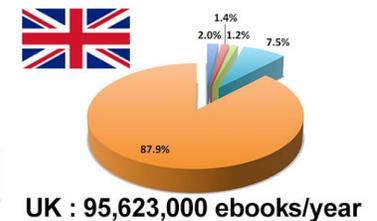


Source: Survey conducted March 7-April 4, 2016. "Book Reading 2016"

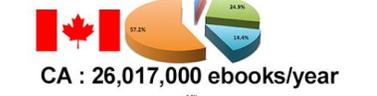
PEW RESEARCH CENTER



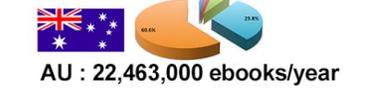
US : 487,298,000 ebooks/year



UK : 95,623,000 ebooks/year



CA : 26,017,000 ebooks/year



AU : 22,463,000 ebooks/year



NZ : 1,306,000* ebooks/year

- Other
- Google
- Kobo
- B&N Nook
- Apple iBooks
- Amazon

Indicado

- Kindle
 - Melhor anotações
 - Ver trechos mais anotados
- PDF
 - Anotações
 - Destaques
 - Onde salva documento?

Tarefas - Envio de atividades

- Depende do professor -> depende da instituição
- Tudo digital
 - Prova
 - Entrega de trabalho
- Uso das mesmas tecnologias



APPS ANOTAÇÕES

Funcionalidades

- Armazenamento
 - Local (tamanho do seu dispositivo)
 - Nuvens (Google Drive, Box sync, Dropbox, OneDrive, Mega sync)
- Tipos de documentos
 - Texto (fácil procura), PDF, Foto, Som
- Organização
 - Criar categoria, tag, palavra-chave
- app's handwriting OCR (optical character recognition)
- Foto -> texto editável
- Reconhecimento por voz (text-to-speech)
- Segurança (2 passos)



- Criar categoria
- Anotar PDF
- Pesquisa escrita de mão

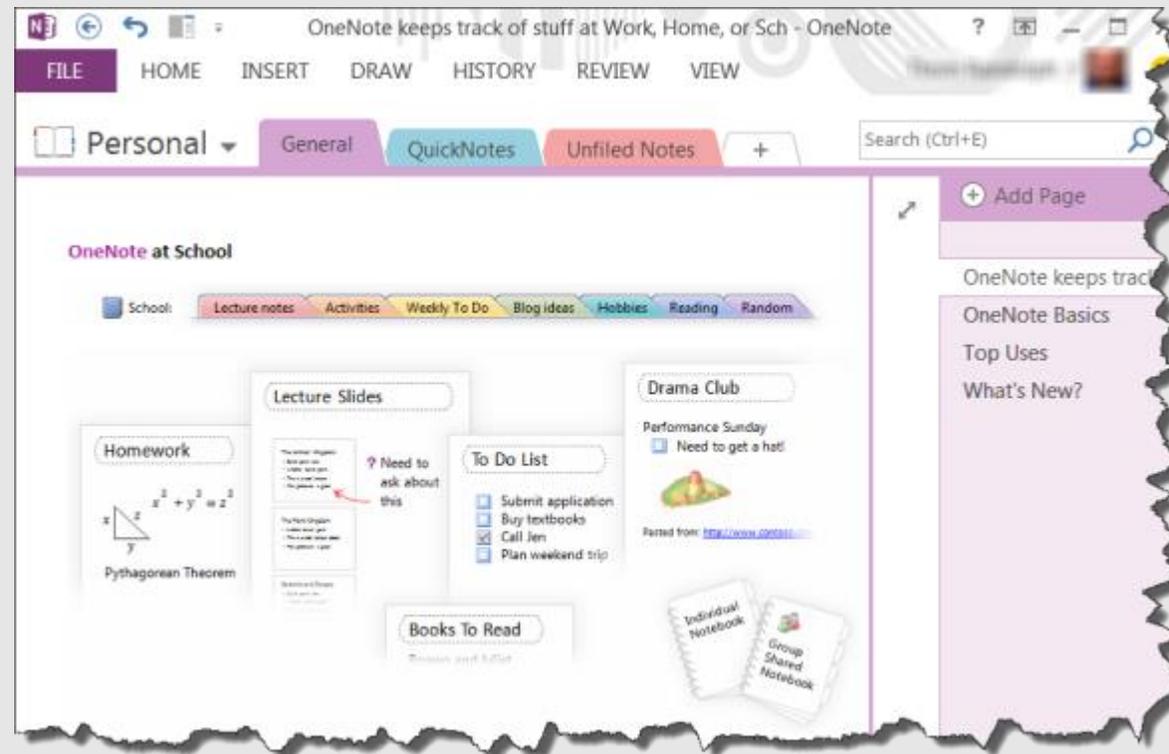
The screenshot displays the Evernote desktop application. On the left is a dark sidebar with navigation options: New Note, Shortcuts, All Notes, Notebooks (Inbox, Family, Home, Travel, Work), and Tags. The main window shows a search for 'travel' notes, displaying a list of results including 'Personal - Travel Docs' and 'San Francisco Trip - Conference'. The 'San Francisco Trip - Conference' note is open, showing a photo of the San Francisco skyline and a table of 'Conference Session Highlights'.

Date	Plans	Location	Notes
Sun	6 PM - Mixer dinner	Our hotel	Meet with Penelope and Xander to discuss week's sessions
Mon	10 AM - Keynote	10 AM - Hall 1B	Coordinate with team to make sure

OneNote



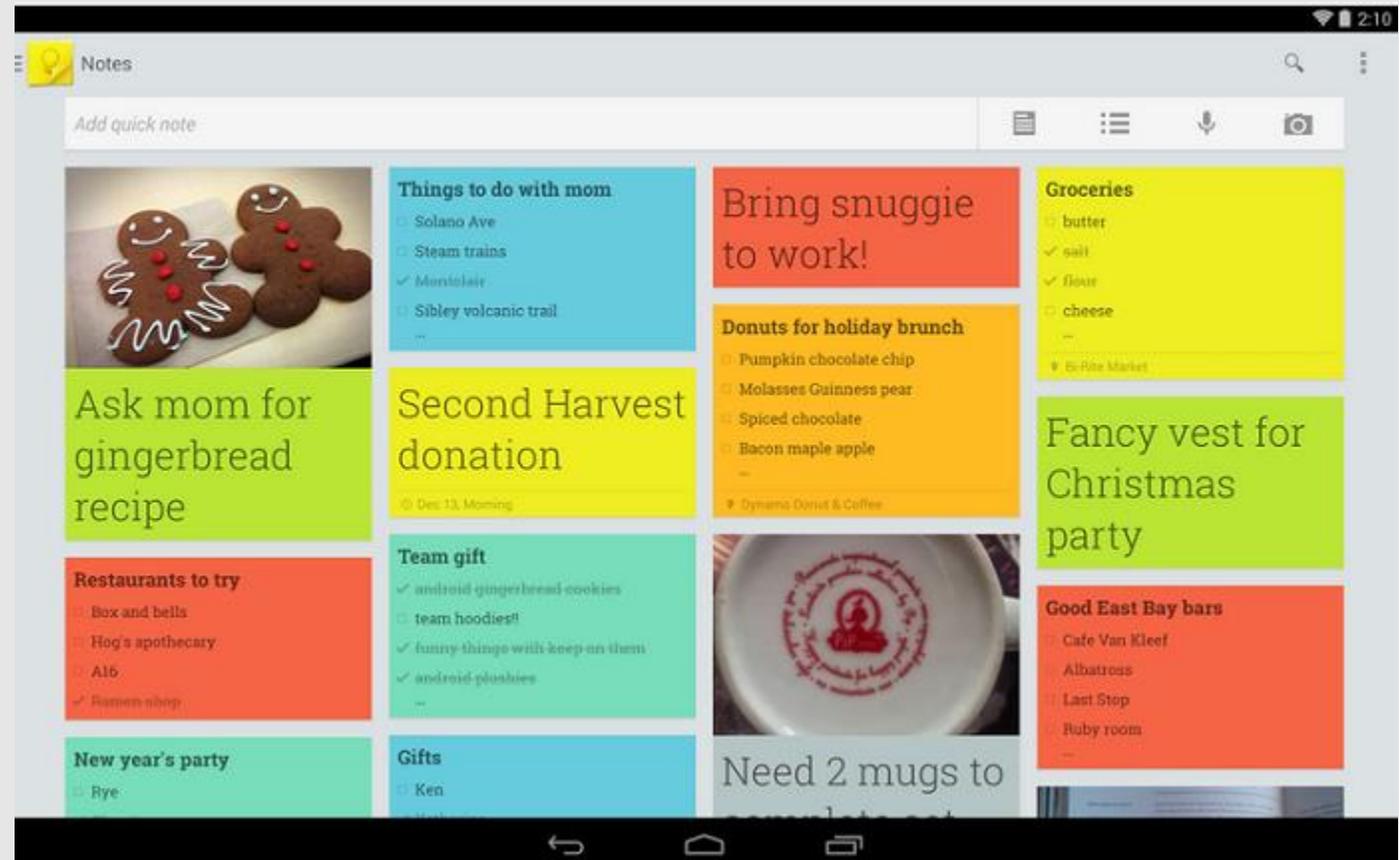
- Colaboração
- Produtos da Microsoft



Google Keep



- Anotações rápidas
- Lembretes
- Todas as plataformas





GoodNotes 5 4+

Handwritten Notes & PDF Markup
Time Base Technology Limited

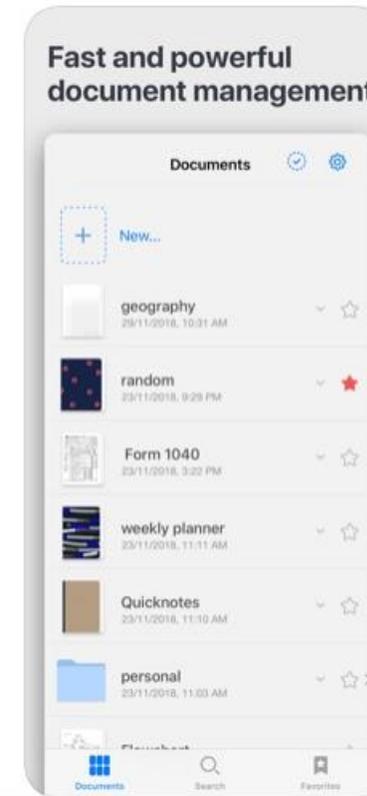
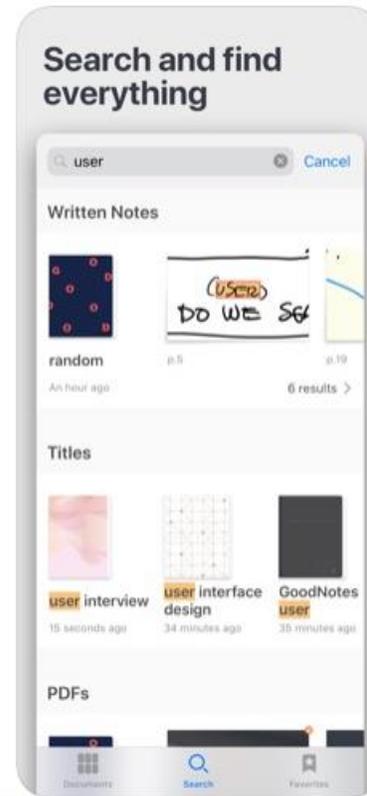
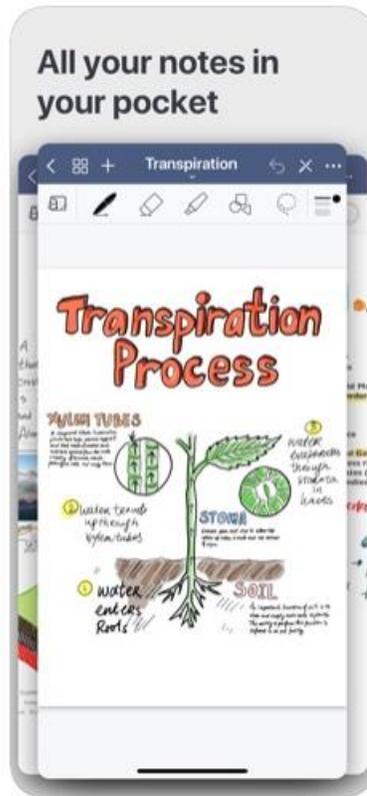
Nº 3 em Produtividade

★★★★★ 4,7, 4,2 mi

R\$ 29,90

Capturas de tela [iPhone](#) [iPad](#)

◦ Figuras Fácil



Notability



- Grava e permite escrita

Crie notas memoráveis.

13:38

Bike Storage

Having arrived at a daily 5-6 bikes, we have undertaken an exploration of storage options that are aesthetically pleasing, cheap and convenient. Here are our findings.

17in
40in
66in

Marque PDFs, slides de palestras e formulários.

Don't quite understand how this particular joinery works?
try this!

The "skate ramp" design is simple to fabricate, durable, safe, and makes it easy to mount and remove your bike. Materials are readily available at any hardware store, and the construction process requires rudimentary knowledge of construction. The "ramp" mounts to the wall (must be secured to stud or load bearing beam), and is bolted to the floor. Mounting device dependent on the substrate of the floor.

How will you achieve this?

Elegant mechanism, have you considered using magnets?

Capture mais e economize tempo com o recurso Repetir Nota.

2 TYPES OF SPECIATION:

NEW SPECIES ARE PHYSICALLY DISTINCT FROM PARENT SPECIES

Extinction - destruction of a species has always happened

gradualism:
Accumulation of microevolution over time; the gradual forces to speciate

Multispeciation:
New taxa observed
2 compartments in the Phredonian
Inclination of Genes
because of isolation

Punctuated equilibrium:
relatively sudden
we mostly study these
a typical species lasts a couple million years

Gerencie e com suas notas

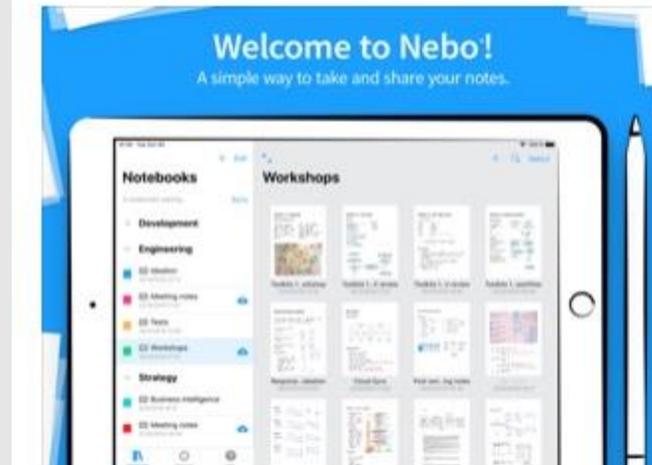
Edit +

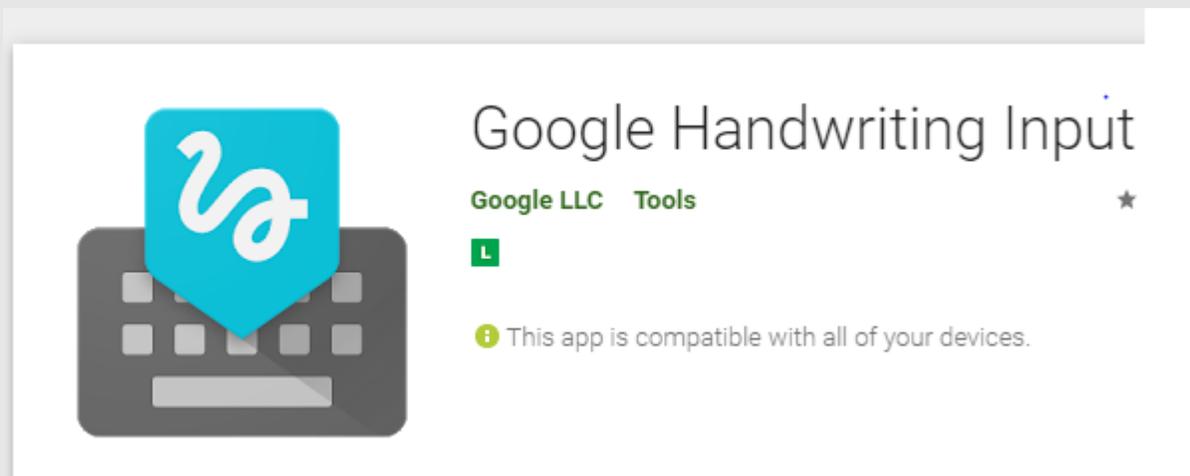
- All Notes
- Unified Notes
- School
- Math
- Science
- English
- History
- Music
- Travel



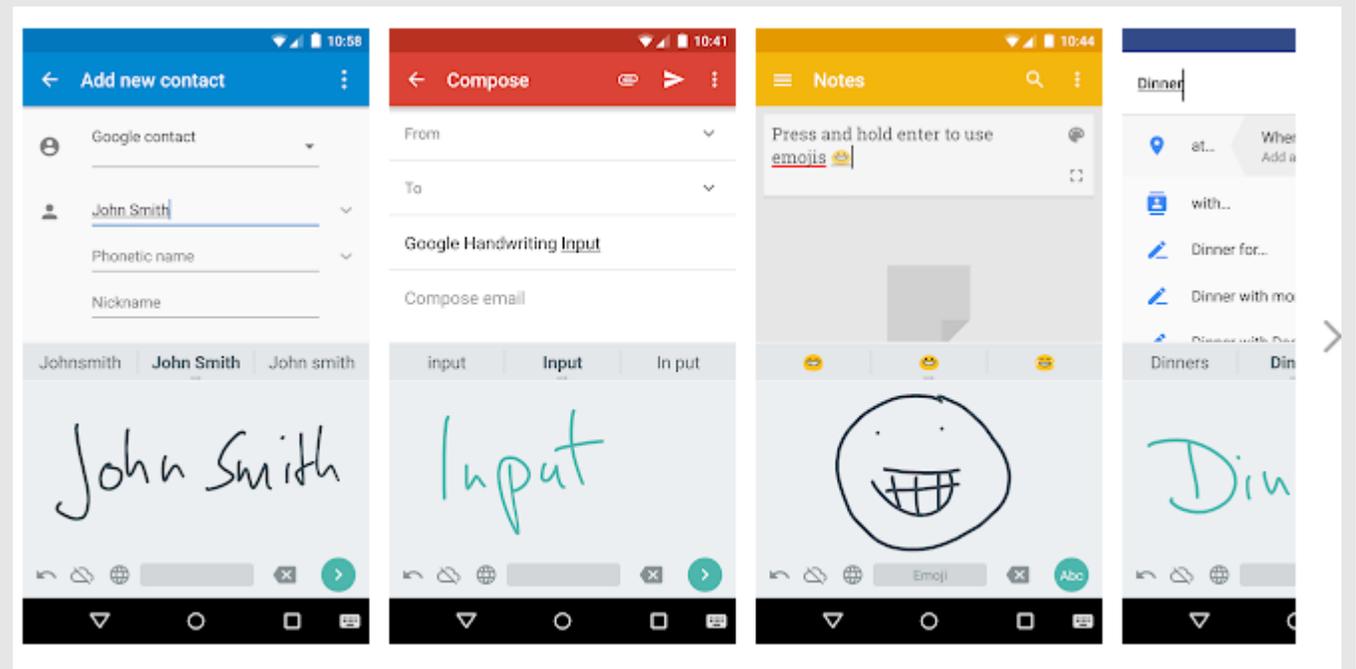
- Melhor reconhecimento de escrita
- Figuras Fácil

iPad Screenshots





- Segundo melhor reconhecimento de escrita
- Facilita entrada para todos apps Android

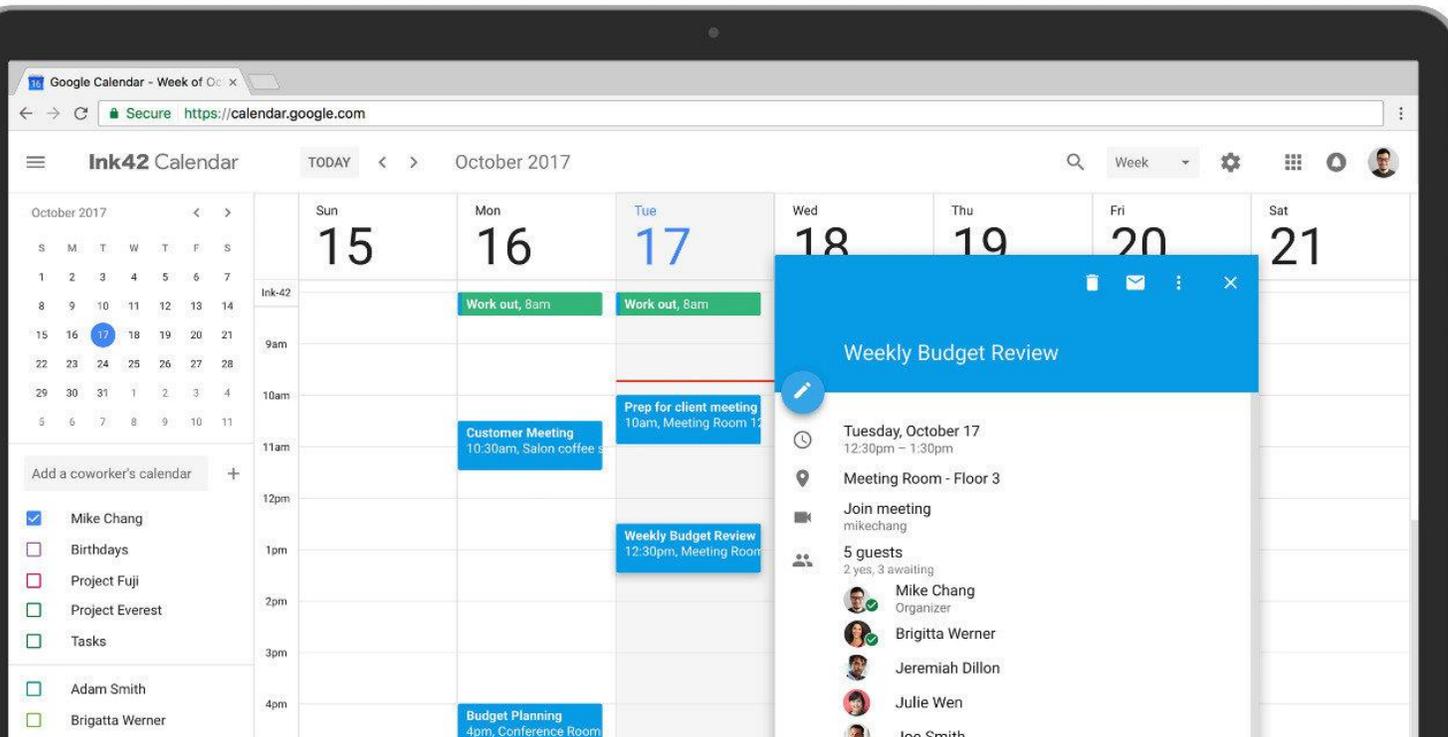
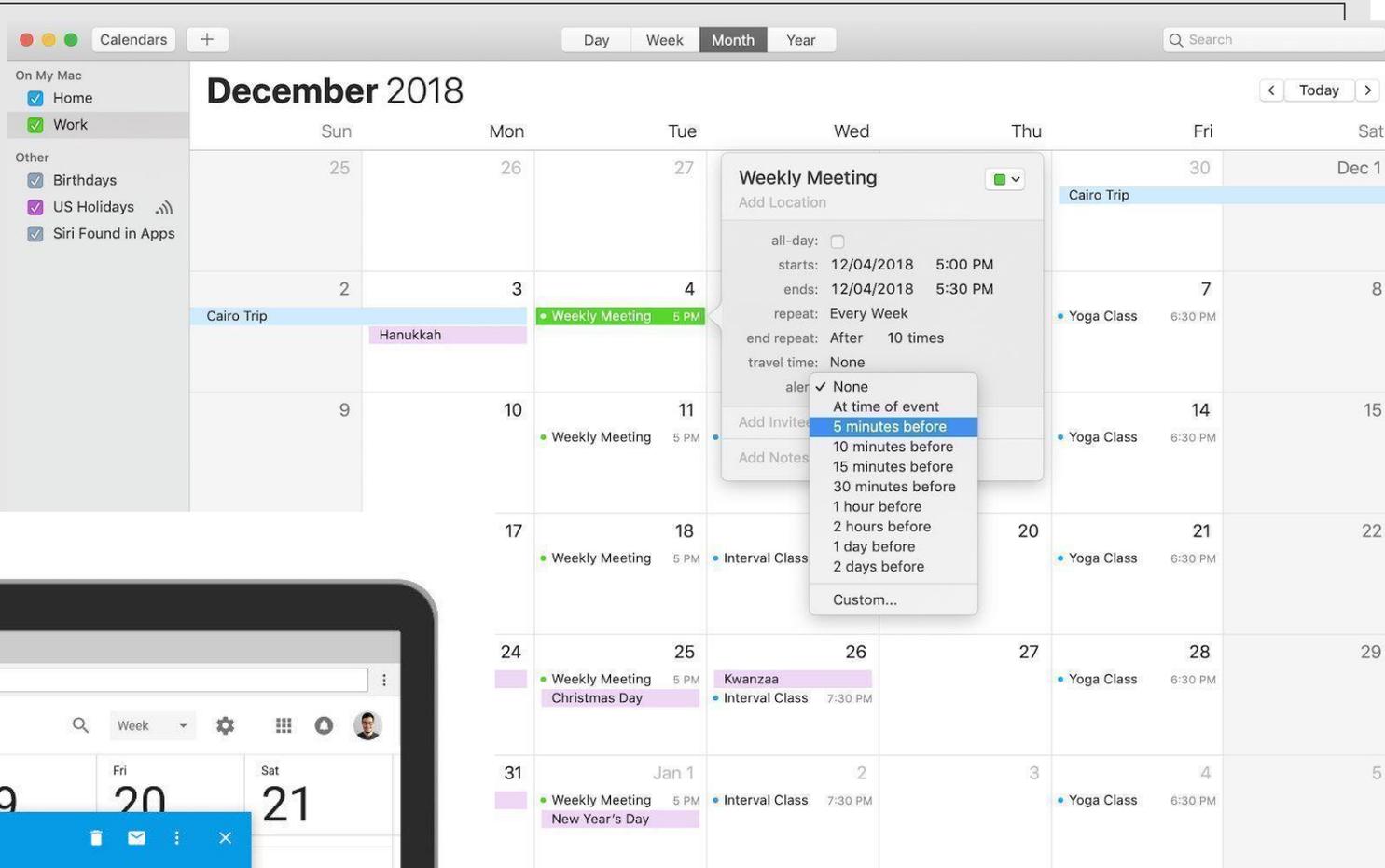


Reconhecimento de Voz

- Speech-to-text
 - Texto facilita a procura

Calendário

- Apple X Google
- Integração Apple com Google



Google Fotos



- Armazenamento ilimitado para alta resolução (16MP e 1080p)
- Melhor algoritmo de compactação
- Inteligência Artificial
 - Colagem
 - Animação

Funcionalidades

- Armazenamento
 - Local (tamanho do seu dispositivo)
 - Nuvens (Google Drive, Box sync, Dropbox, OneDrive, Mega sync)
 - Mega sync – mais espaço gratuito para desktop
- Tipos de documentos
 - Texto (fácil procura), PDF, Foto, Som
- Organização
 - Criar categoria, tag, palavra-chave
- app's handwriting OCR (optical character recognition)
- Foto -> texto editável
- Reconhecimento por voz (text-to-speech)
- Segurança (2 passos)

Observação

- **Writing in the digital age - Trends in Neuroscience and Education**
 - <https://www.sciencedirect.com/science/article/pii/S2211949316300205>
 - Digital não tem vantagem no tradicional
 - When teaching children to read and to write, handwriting has been found to promote letter recognition, reading and writing performance
 - the slower pace of **longhand notes** promotes restructuring the content during note taking, which contributes to a **deeper understanding** of the material.



OBRIGADO



<http://produtividade.ufpr.br/celsoishida/>