

TIC no Ensino Superior: desafios e possibilidades

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UNIPAMPA

<http://digichem.org>

<http://youtu.be/marsjomm>

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Quem (acho) que sou eu?

<https://www.wordclouds.com/>

Como eu me constituí
docente?

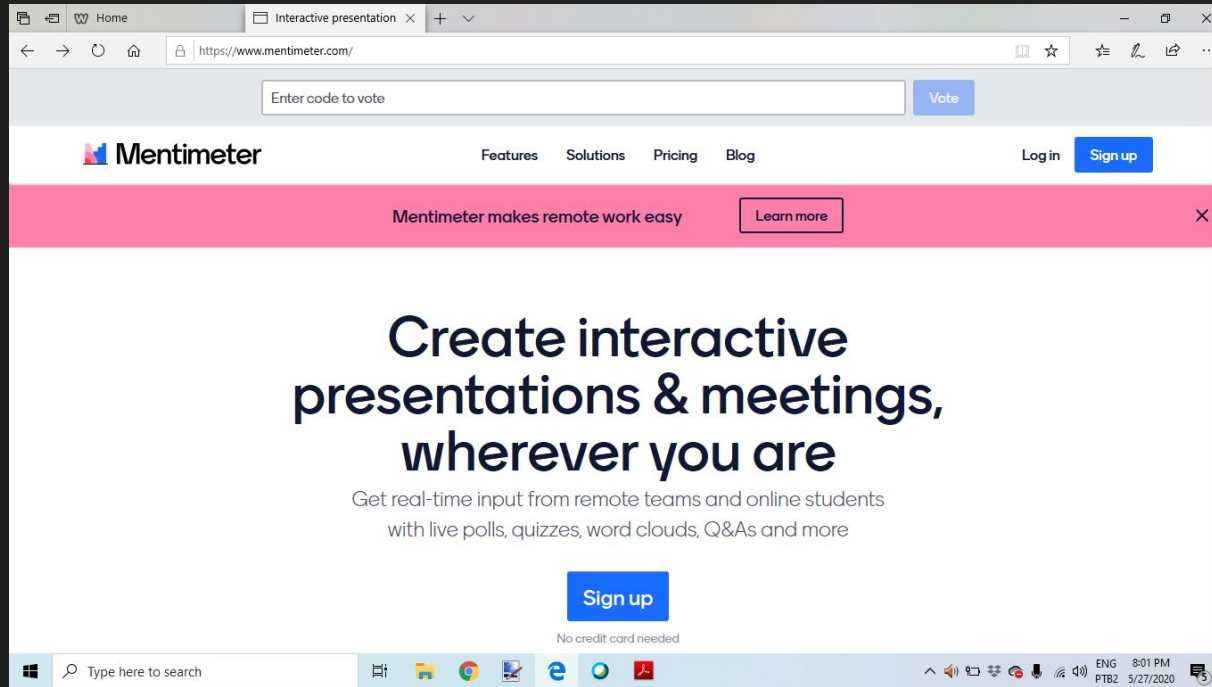
E como sou hoje como docente?



Como estou me recriando como docente?



Vamos falar sobre vocês?



The image shows a screenshot of a web browser displaying the Mentimeter website. The browser's address bar shows the URL <https://www.mentimeter.com/>. At the top, there is a search bar with the placeholder text "Enter code to vote" and a "Vote" button. The Mentimeter logo is on the left, and navigation links for "Features", "Solutions", "Pricing", and "Blog" are in the center. On the right, there are "Log in" and "Sign up" buttons. A pink banner below the navigation contains the text "Mentimeter makes remote work easy" and a "Learn more" button. The main content area features the headline "Create interactive presentations & meetings, wherever you are" in a large, bold font. Below this, a sub-headline reads "Get real-time input from remote teams and online students with live polls, quizzes, word clouds, Q&As and more". A prominent blue "Sign up" button is centered below the text. At the bottom of the main content area, it says "No credit card needed". The Windows taskbar is visible at the bottom of the screenshot, showing the search bar and several application icons.

<https://www.menti.com/7pdymevmgc>

Código 54 60 8

Unindo o antigo ao novo

Coisas que eu já fazia

Blog
Material didático digital
Canal de vídeos
Tutoriais
Screencasts
Aplicativos móveis

Coisas que estou procurando aprender a fazer

AVEA
Lives
Vídeo-aulas
Promover interatividade
Ensino Remoto

O “antigo”



Diário de um Químico Digital 3.0

Convite para live dia 28-05-2020

27/05/2020 / MÁRCIO MARTINS / EDITAR

**NÚCLEO DE APOIO PEDAGÓGICO – NAP
CAMPUS CERRO LARGO**

Personalizar

ch



<https://digichem.org/>

O “antigo”

A Ficção Científica como elemento motivador para o encantamento pela Ciência

USS ENTERPRISE

NI-539
MT21Z

UESPA 6498725
76254R09865HJ
T21GSFKJYT47F
YTARWKSDJHGSS

U.S.S. ENTERPRISE

NCC1701GRATP76
SECTOR NINE

DESIGNATION: R. MARKS
SPECIES: ANDROID
FUNCTION: LT CMDR INSTRUCTOR

14
W

Recommended

Notas parciais de fq3 2019-1
Márcio Martins

Marcadores para o RApp
Chemistry
Márcio Martins

Diagrama de rich suter
Márcio Martins

Utilizando tecnologias digitais para o ensino
Márcio Martins

<https://www.slideshare.net/marciotics>


O “antigo”

Pesquisar

FQ TICS

Facebook






W

 **Márcio Martins**
703 inscritos

INSCREVER-SE

INÍCIO **VÍDEOS** PLAYLISTS CANAIS DISCUSSÃO SOBRE


Envios REPRODUZIR TODOS CLASSIFICAR POR

 4 editando um kahoot 27 visualizações • 1 ano atrás	 3 descobrindo kahoot 8 visualizações • 1 ano atrás	 1 conhecendo kahoot 16 visualizações • 1 ano atrás	 2 interface kahoot 5 visualizações • 1 ano atrás	 5 criando um quiz e um jumble 1 visualização • 1 ano atrás
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<https://www.youtube.com/fqtics>

O “antigo”

Pesquisar



Marcio Martins
338 inscritos

PERSONALIZAR O CANAL YOUTUBE STUDIO

INÍCIO VÍDEOS PLAYLISTS CANAIS DISCUSSÃO SOBRE

Envios ▶ REPRODUZIR TODOS

6:04

QG-7.3 Reagentes Limitantes
5 visualizações •
1 semana atrás

6:22

NA REAÇÃO BALANÇADA:
 $3\text{H}_2 + 1\text{N}_2 \rightarrow 2\text{NH}_3$
3 mol H₂ : 1 mol N₂ : 2 mol NH₃
RELAÇÃO ESTEQUIOMÉTRICA MOLAR (R.E)

QG-7.2-Relações Estequiométricas molares e...
13 visualizações •

4:22

REAÇÃO BALANÇADA
 $\text{H}_2 + \text{N}_2 \rightarrow 2\text{NH}_3$
N 2 : N 3 = 2
H 2 : H 3 = 6

QG 7 1 Balanceamento de reações
7 visualizações •

5:59

MASSA MOLECULAR
 $X_a Y_b \rightarrow M_a X_a + b M_b Y_b$

QG6 2 Massa molecular
16 visualizações • 1 mês atrás

8:40

ESPECTRÔMETRO DE MASSAS
12 MÓDULOS
67-8m
PADRÃO $\rightarrow {}^{12}_6\text{C}$
 $1,9926 \times 10^{-26} \text{ kg}$

QG6 1 Definição Moderna de Mol
11 visualizações • 1 mês atrás

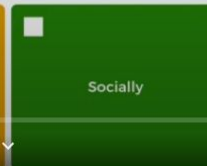
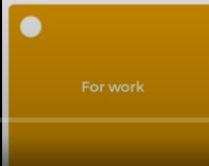
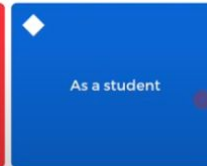
<https://www.youtube.com/marsjommm>

O “antigo”

Kahoot! no celular

Question 1

How do you want to use Kahoot!?:

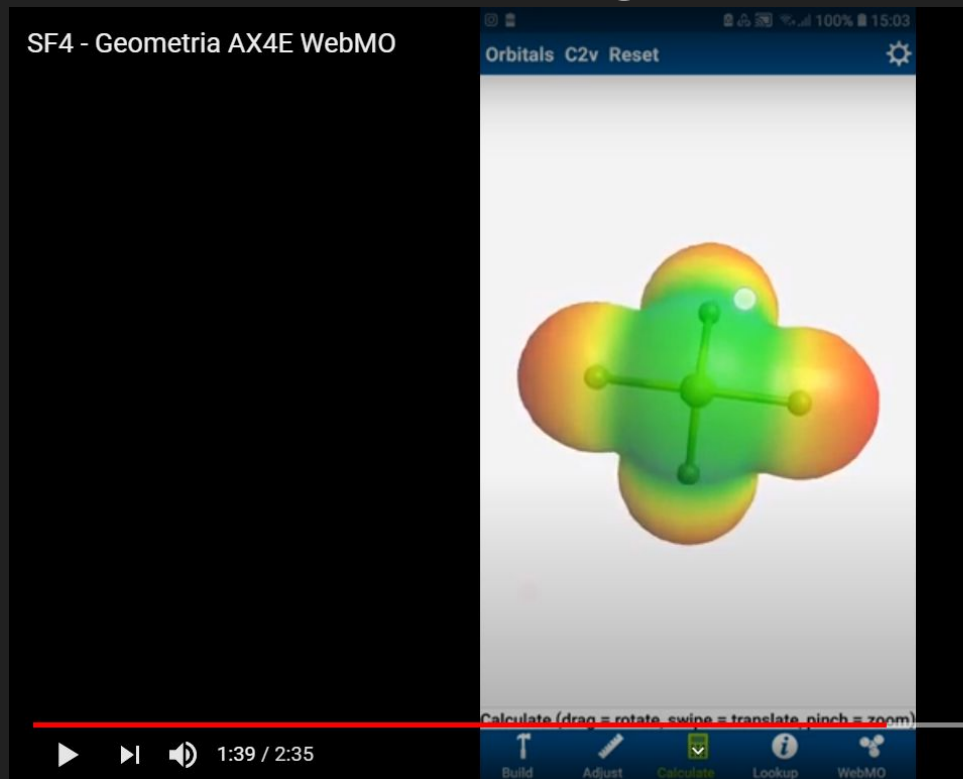


0:17 / 5:31



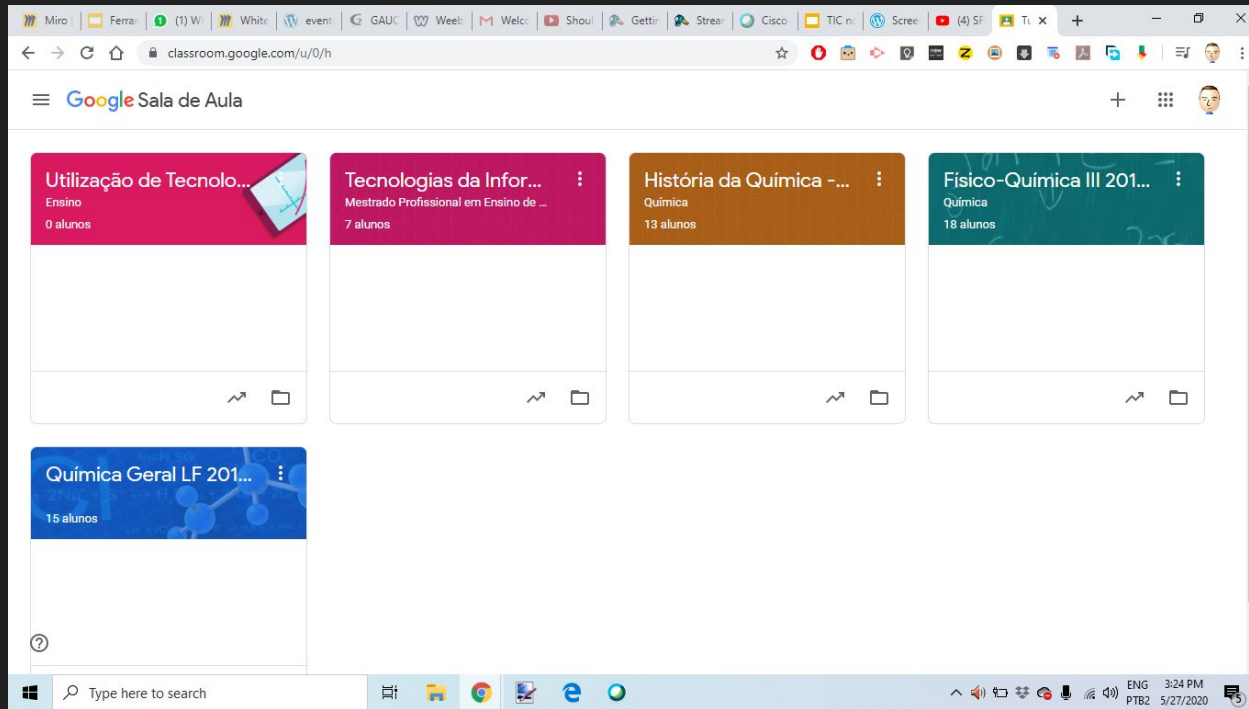
https://www.youtube.com/watch?v=_npEUcbayQ

O “antigo”



<https://www.youtube.com/watch?v=aKraYBwmc9E>

O “novo”



<https://digichem.org/2017/08/14/screencastify-extensao-do-chrome-para-fazer-screencasts/>

O “novo”

The screenshot shows the StreamYard control panel for a live stream titled "Live de teste do Café com Ciên...". The interface includes a main video area displaying a banner for "IX Café com ciência - Live de abertura". Below the video are icons for viewer management. A small video thumbnail for "Márcio Martins" is visible. The bottom control bar contains buttons for Mute, Stop Cam, Cam/Mic, Share Screen, Invite, and Leave Studio. On the right, a "Banners" panel shows an example banner and a selected banner for the current stream. The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the date 5/27/2020 and time 3:28 PM.

streamyard.com/mfyg5ngyre

Live de teste do Café com Ciên... Record only Edit Record

Powered by StreamYard

IX Café com ciência - Live de abertura

Example banners

This is an example of a banner. Click on a banner to show it on screen.

Use banners to summarize your talking points and display calls to action

IX Café com ciência - Live de abertura

+ Create a banner

Mute Stop Cam Cam/Mic Share Screen Invite Leave Studio [Having Issues?](#)

Type here to search

ENG 3:28 PM
PTB2 5/27/2020

O “novo”



**Licenciatura
em Física**

Química Geral

Prof. Dr. Márcio Marques Martins
Unidade 1 – Conceitos Básicos de Química
<http://digichem.org>



<https://www.youtube.com/watch?v=90IA6mdilOQ>

O “novo”

AULA 7.2

RELAÇÕES

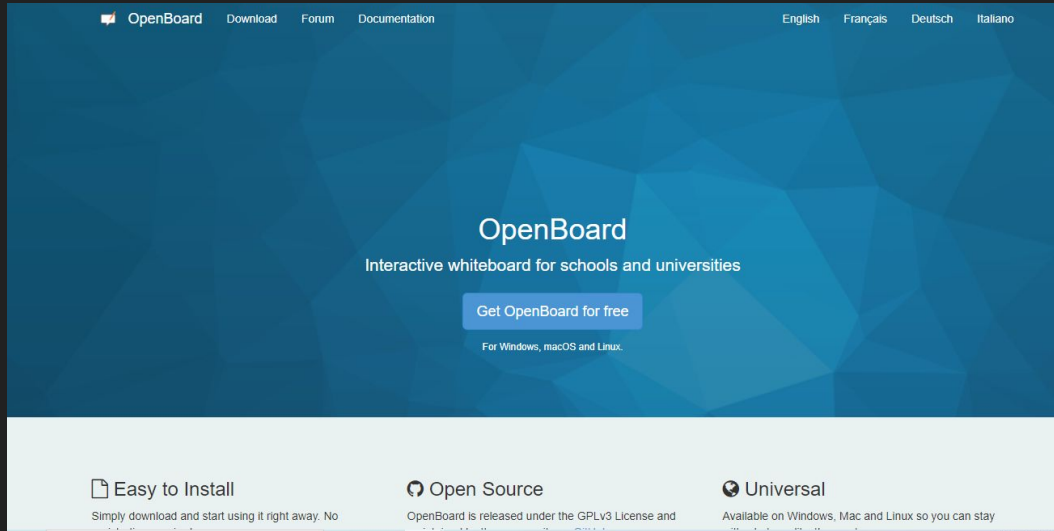
ESTEQUIOMÉTRICAS

<http://digichem.org>

Sair da tela inteira (f)

<https://www.youtube.com/watch?v=CaTJxCgzxts>

O “novo”

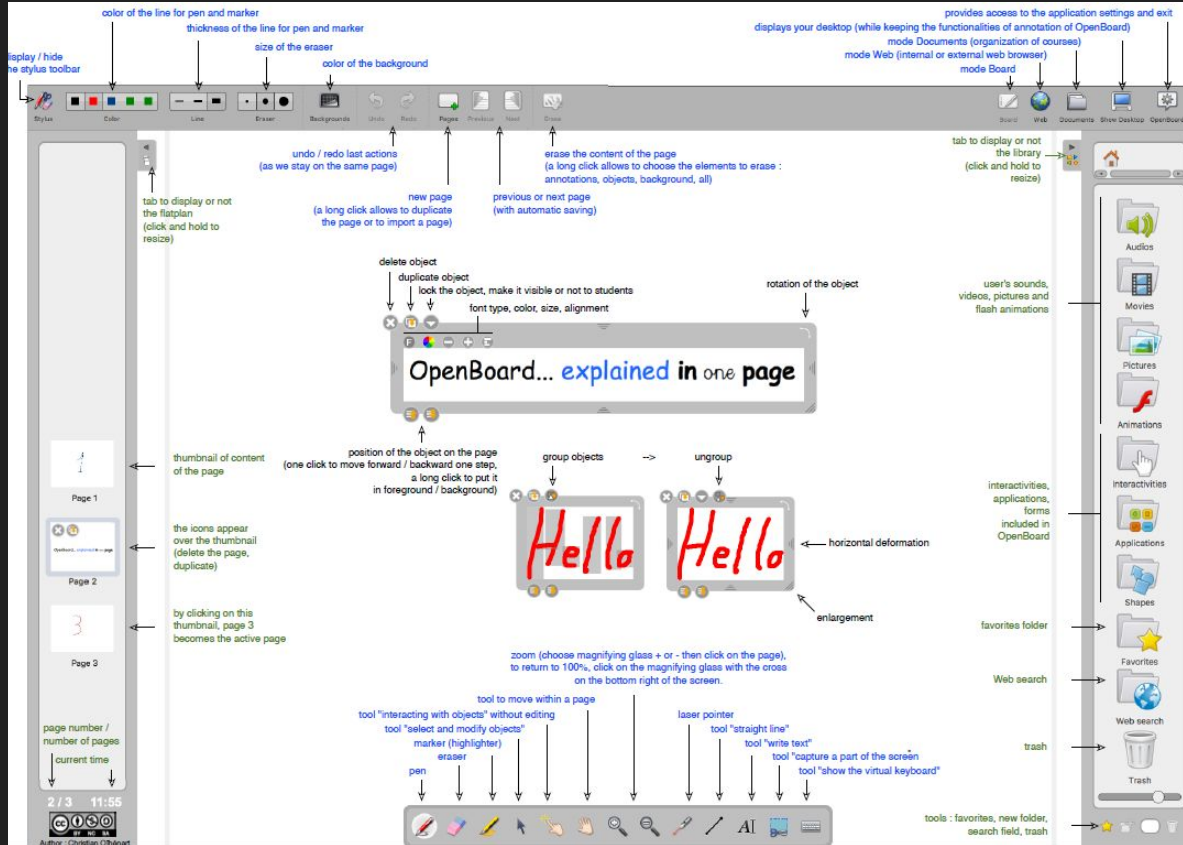


The screenshot shows the OpenBoard website homepage. The top navigation bar includes links for OpenBoard, Download, Forum, and Documentation, along with language options: English, Français, Deutsch, and Italiano. The main content area features the OpenBoard logo and the tagline "Interactive whiteboard for schools and universities". A prominent blue button says "Get OpenBoard for free", with a note below it stating "For Windows, macOS and Linux". The footer highlights three key features: "Easy to Install" (Simply download and start using it right away. No...), "Open Source" (OpenBoard is released under the GPLv3 License and...), and "Universal" (Available on Windows, Mac and Linux so you can stay...).



<https://openboard.ch/index.en.html>

O "novo"



O “novo”

The screenshot shows the Google Play Store interface for the Miro app. The browser address bar displays the URL: play.google.com/store/apps/details?id=com.realtimeboard. The page features the Google Play logo, a search bar, and navigation tabs for 'Apps', 'Pessoal', 'Em alta', and 'Lançamentos'. The main content area displays the Miro app details, including its logo, title 'Miro: online collaborative whiteboard platform', developer 'RealtimeBOARD', category 'Produtividade', and a 4.5-star rating from 747 reviews. A green 'Instalado' button is visible. Below the main image are three promotional cards: 'Work effectively together', 'Brainstorming', and 'Communicate on the go'. To the right, a 'Semelhantes' section lists similar apps: 'Explain Everything', 'Notion - Notes, T', and 'WhiteBoard Pro'. The Windows taskbar at the bottom shows the search bar, task view, and system tray with the date 5/27/2020 and time 3:39 PM.

<https://play.google.com/store/apps/details?id=com.realtimeboard>

O “novo”

The screenshot displays the Miro dashboard interface. At the top, there is a navigation bar with the Miro logo, a search bar for boards, and buttons for 'Invite members' and 'Upgrade'. Below this, the 'All boards' section features a grid of template cards: 'Blank board', 'Kanban Framework', 'Mind Map', 'User Story Map Framework', 'Retrospective', and 'Brainwriting'. A sidebar on the left includes options for 'LIVE UFSM', 'Starred', 'All boards', and 'Projects'. A notification box states 'You've created 7 boards' and provides information about read-only boards. The main area shows a grid of existing boards, including a 'Whiteboard Live UFSM' and several 'Mind Map' boards, some marked as 'VIEW-ONLY'.

<https://miro.com/>

O “novo”

miro.com/app/board/o9J_kriITig=-/

Your team has reached the Free plan's limit - only 3 most recently created boards could be editable. To edit all boards, you can upgrade to a paid plan. [Upgrade now](#)

miro Whiteboard Live UFSM

Share

Urso-pardo

- Estado de conservação**
 - População mundial de 200.000
 - Muito bacana!
 - Risco de extinção
 - Fora de risco
 - Muito mais sa.
- Classificação científica**
 - Rainho: Animalia
 - Filo: Chordata
 - Classe: Mammalia
 - Ordem: Carnívora
 - Família: Ursidae
 - Gênero: Ursus
 - Espécie: *U. arctos*
- Distribuição geográfica**
 - Canadá
 - Rússia
 - Usa
 - China
 - Ásia Central
- Habitat**
 - Elisângela Galvão (FRSI) Farroupilha
- Hábitos alimentares**
 - Mariposas larvas
 - Cervos e cabras
 - Mel
 - Rosáceas
 - Frutas silvestres
- Ursus arctos**
- Essa ferramenta tem em versão em Português?**
- Canal Educação em Ciências**
- <https://miralcomeonbo...>
- <https://miratizMCoMCCuidIKycvGcar94FRJpv3ub2>

45%

Type here to search

ENG 3:32 PM
PTB2 5/27/2020

<https://www.youtube.com/watch?v=CaTJxCgzxts>

MIRO.COM WB ONLINE E INTERATIVO

The screenshot displays the Miro.com dashboard interface. At the top, a browser window shows the URL `https://miro.com/app/dashboard/`. The main header features the Miro logo, a search bar for boards, and buttons for '+ Invite members' and 'Upgrade'. Below the header, the 'All boards' section is visible, including filters for 'Owned by anyone' and 'Last opened'. A sidebar on the left contains navigation options: 'LIVE UFSM', 'Starred', 'All boards', and 'Projects + Add'. The main content area displays a grid of board templates: 'Blank board', 'Kanban Framework', 'Mind Map', 'User Story Map Framework', 'Retrospective', and 'Brainwriting'. A notification box states 'You've created 1 board' with a sub-note: 'With your plan, if you create more than 3 boards, older ones become read-only.' At the bottom, a Windows taskbar shows the search bar, system tray icons, and the date/time 'ENG 6:30 PM PTB2 5/25/2020'.

Whiteboard criado no Miro

https://d... x W 2018 EXT x WhatsApp x sugestão x Miro | O x Whitebo: x Ferrame: x (2) What: x MURAL: x Resultad: x + -

miro.com/app/board/o9J_kriITig=/

Access your boards faster by installing the Miro app on your device.

miro Whiteboard Live UFSM

Share

Urso-pardo

- Estado de conservação**
 - Extinto (EX)
 - Ameaçado (EW)
 - CR
 - EN
 - VU
 - NT
 - LC
 - Pouco preocupante
- Risco de Extinção**
 - População mundial de 200.000
 - Fora de risco
- Taxonomia**
 - Ursus arctos
- Classificação científica**
 - Reino: Animalia
 - Filo: Chordata
 - Classe: Mammalia
 - Ordem: Carnívora
 - Família: Ursidae
 - Gênero: Ursus
 - Espécie: *U. arctos*
- Distribuição geográfica**
 - Mapa do mundo
- Habitat**
 - Canadá
 - Rússia
 - Usa
 - China
 - Ásia Central
- Hábitos alimentares**
 - Mariposas, larvas
 - Mel
 - Roadores
 - Frutas silvestres
 - Cervos e alces
 - Sacarose

C1=CC(OC2C(O)C(O)C(O)C2O)C3C(O)C(O)C(O)C3O

55%

Type here to search

ENG 9:11 PM
PTB2 5/25/2020

https://miro.com/app/board/o9J_kriITig=

<https://play.google.com/store/apps/details?id=com.realtimeboard>

Vamos co-criar um Whiteboard?

The screenshot shows a Miro whiteboard interface. At the top left, the Miro logo is visible, followed by the text "LIVE UFFS" and a share icon. At the top right, there is a "Share" button and several utility icons (help, notifications, search, and a menu). On the left side, a vertical toolbar contains various drawing and editing tools. The main workspace features a mind map with a central image of a virus. Four primary branches extend from the center, each leading to a cluster of three rectangular sticky notes. The top-left branch is purple, the top-right is yellow, the bottom-left is red, and the bottom-right is orange. At the bottom of the interface, there is a secondary toolbar with icons for erasing, deleting, and other actions, along with a zoom level indicator showing "55%".

https://miro.com/app/board/o9J_krputE=/

Finalizando

Eu percebi que com essa nova realidade que estamos vivendo o meu foco no uso das TIC teve que mudar.

Antes eu produzia conteúdo e deixava disponível para quem quisesse acessar.

Hoje, eu tenho que pensar em produzir um conteúdo contando com alguém que quer vê-lo e que, de preferência não seja passivo.

A colaboração passou a fazer parte da minha realidade e o ensino mudou de presencial para remoto, já que a palavra distância faz parte do nosso vocabulário para sempre.

