

Digital classroom tools

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Flipped classroom tools



Edmodo



Google
Classroom



Cloud storage

bitly

Kahoot!

socrative

Plickers

GeoGebra

SCRATCH

IDroo



Classcraft



Office 365



KHANACADEMY

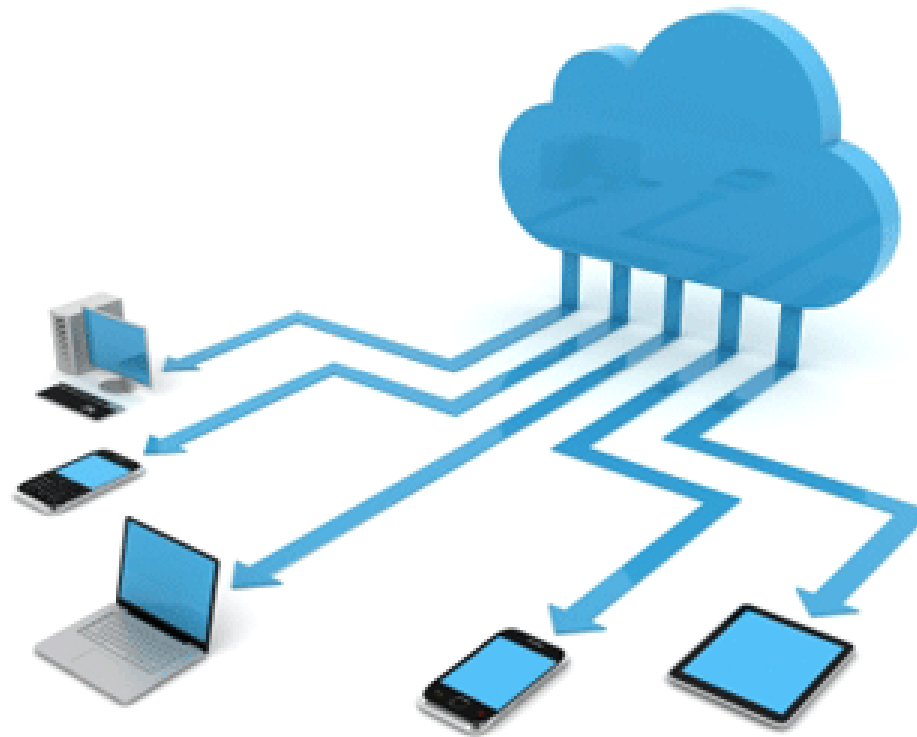


- communication, collaboration, and coaching platform
- sharing content
- distribute quizzes and assignments
- manage communication with students, colleagues, and parents
- teacher-centric

A screenshot of the Edmodo web interface. The top navigation bar is blue and contains icons for home, a pulse line, and a book, along with a search bar that says "Search posts, groups, users and more". The main content area is split into two columns. The left column is titled "Groups" and lists several groups, including "ICT in education" (highlighted in green), "7.d informatika", and "Mr. Pažin's 5th grade group". Below the list are buttons for "Manage Groups", "Create a Group", and "Join a Group". The right column shows the details for the "ICT in education" group, including the name "Mr. Pažin · Computer Technology" and tabs for "Posts", "Folders", and "Members 1". Below this is a form to create a new post, with tabs for "Note", "Assignment", "Quiz", and "Poll". The "Note" tab is selected, and the form contains a text input field with the placeholder "Type your note here...", a green button labeled "ICT in education" with a close icon, and icons for adding attachments (document, link, book) and a "Send Later" option.

Cloud storage

- Files stored in a „cloud”
- Safe from disasters
- Non-stop online
- Easy sharing



 15GB
Google Drive

 5GB
OneDrive

 2GB
Dropbox



- Shorten links
- Customize links - easy to memorize

Paste a link to shorten it SHORTEN

https://drive.google.com/open?id=0B4A6_xTOFn8BcTFCLTJpNzJXY0E

bit.ly/ictcourse

COPY

SHARE

EDIT

Kahoot!

- Dynamic and fun quizzes
- 70M monthly users
- Dozens of millions of quizzes
- Easy to use





Q4 Flag is known as ____.

Next >



7

0 Answers

 Union	 Royal Flag
 Union Jack	 Jack





Scoreboard



- Knowledge gamification
- Encourages competition
- Shows only top 5 players

Next

Nathan

28,008

Susan

15,225

Marcus

12,100

James

9,001



- Detailed results for performance analysis

6d results-1447320011715-e58a58d4-44ac-4beb-adc9-1f71fd8f980a.xls [Compatibility Mode] - Ex

File Home Insert Page Layout Formulas Data Review View Add-Ins Team Tell me what you want to do...

Cut Copy Paste Format Painter Clipboard

Arial 10 A A B I U Font

Wrap Text Merge & Center Alignment

General Number Styles

F22

	A	B	C	D	E	F	G	H
1								
2	STUDENT	CORRECT ANSWERS	INCORRECT ANSWERS	SCORE	imenom sve zlonamjerne	nastala kao skraćenica kojih	Nabroji sve vrste malvera?	samostalno širiti s računala na
3								
4	ante	15	1	13397	Malware	Malicious software	Virusi, crvi, trojanski	Ne može, treba ga č
5	lukinjo g	15	1	13203	Malware	Malicious software	Virusi, crvi, trojanski	Ne može, treba ga č
6	Marty	15	1	12760	Malware	Malicious software	Virusi, crvi, trojanski	Ne može, treba ga č
7	lea	15	1	12655	Malware	Malicious software	Virusi, crvi, trojanski	Ne može, treba ga č
8	mari	14	2	11941	Malware	Malicious software	Virusi, crvi, trojanski	Ne može, treba ga č
9	andrija!!!!!!!	14	2	11867	Malware	Malicious software	Virusi, crvi, trojanski	Može, sam se šalje
10	mijo	13	3	11405	Malware	Malicious software	Virusi, crvi, trojanski	Može, sam se šalje
11	ida	13	3	11094	Malware	Malicious software	Virusi, crvi, trojanski	Ne može, treba ga č
12								
13	OVERALL PERFORMA							
14								
15	% TOTAL COF	89%						
16	% TOTAL INC	11%						
17	AVG SCORE	12290						
18								
19	SWITCH TABS BELOW TO VIEW YOUR END OF GAME RATINGS & INDIV							

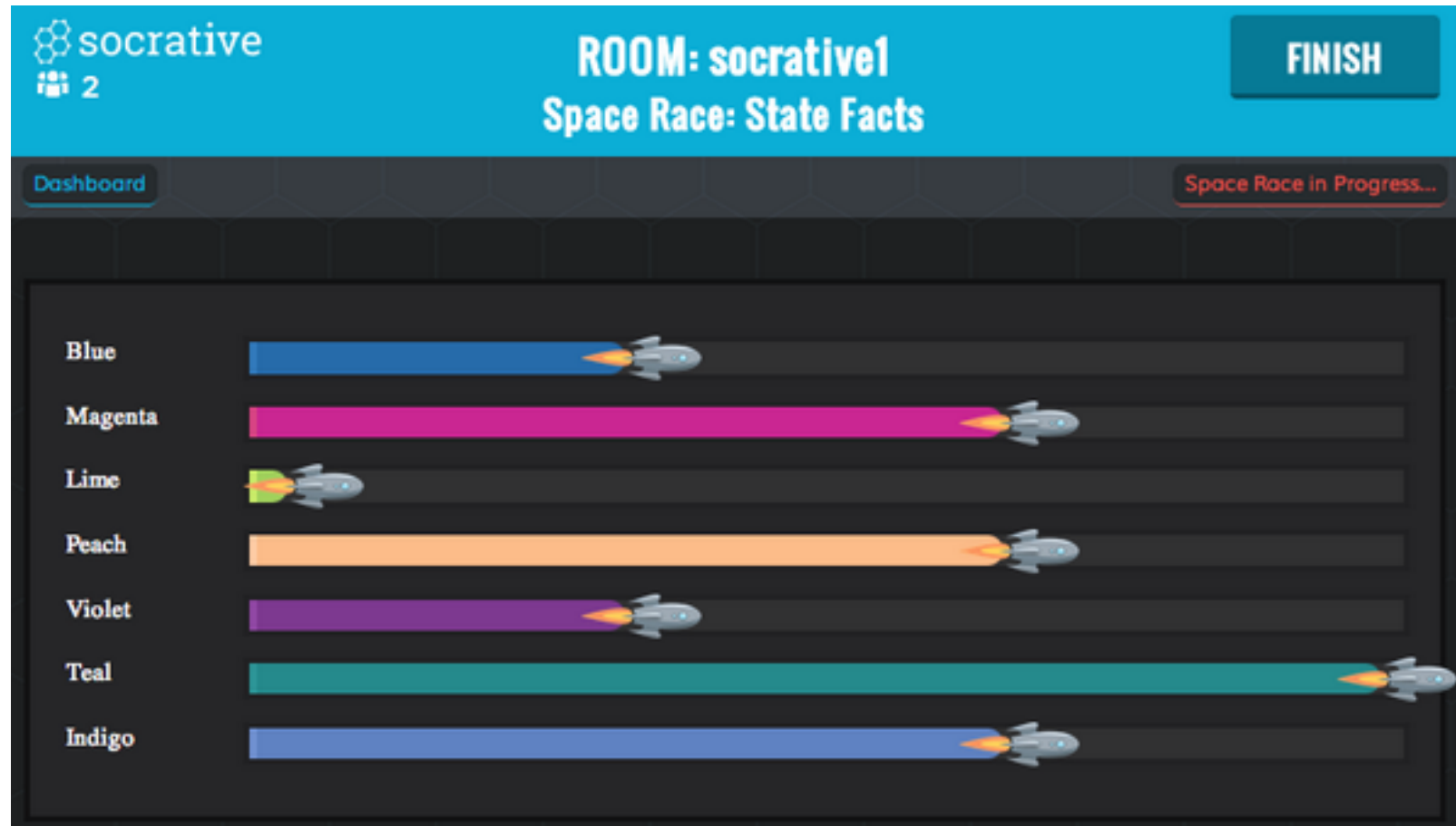


- Real-time visualization of students' performance
- Detailed reports of finished quizzes
- Different ways of providing answers

Name	Progress	1	2	3	4	5	6	7
Dempsey, Clint	88%	C	Texas	False	A	D, A	C	True
Harkness, Jack	75%	C	Idaho	True	C	D, A	C	True
Mott, Wilfred	63%	C	Idaho	True	A	D, A	B	False
Noble, Donna	88%	C	ID	False	A	D, A	B	True
Oswald, Clara	75%	C	Idaho	True	A	D, A	B	True
Rosicky, Tomas	63%	B	Idaho	True	A	C, A	C	True
Tyler, Rose	63%	C	Idaho	True	A	D, A	B	False
Williams, Rory	63%	C	Wyomi...	True	C	D, A	C	True
Wunderbar, Jen...	100%	C	id	False	A	D, A	C	True
Class Total		89%	78%	33%	78%	89%	56%	78%

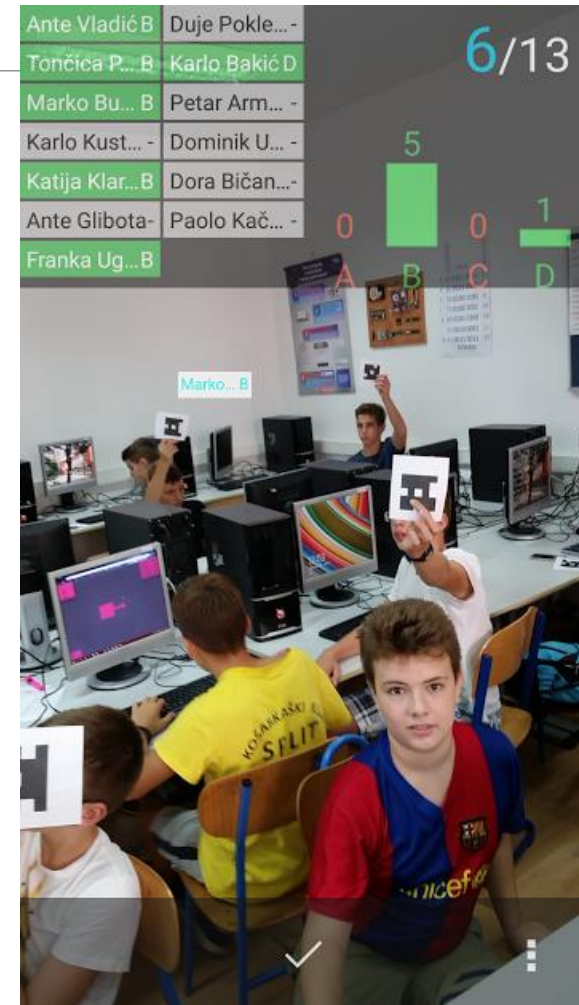


- Space-race competition
- Individuals or groups race across the screen with correct answers



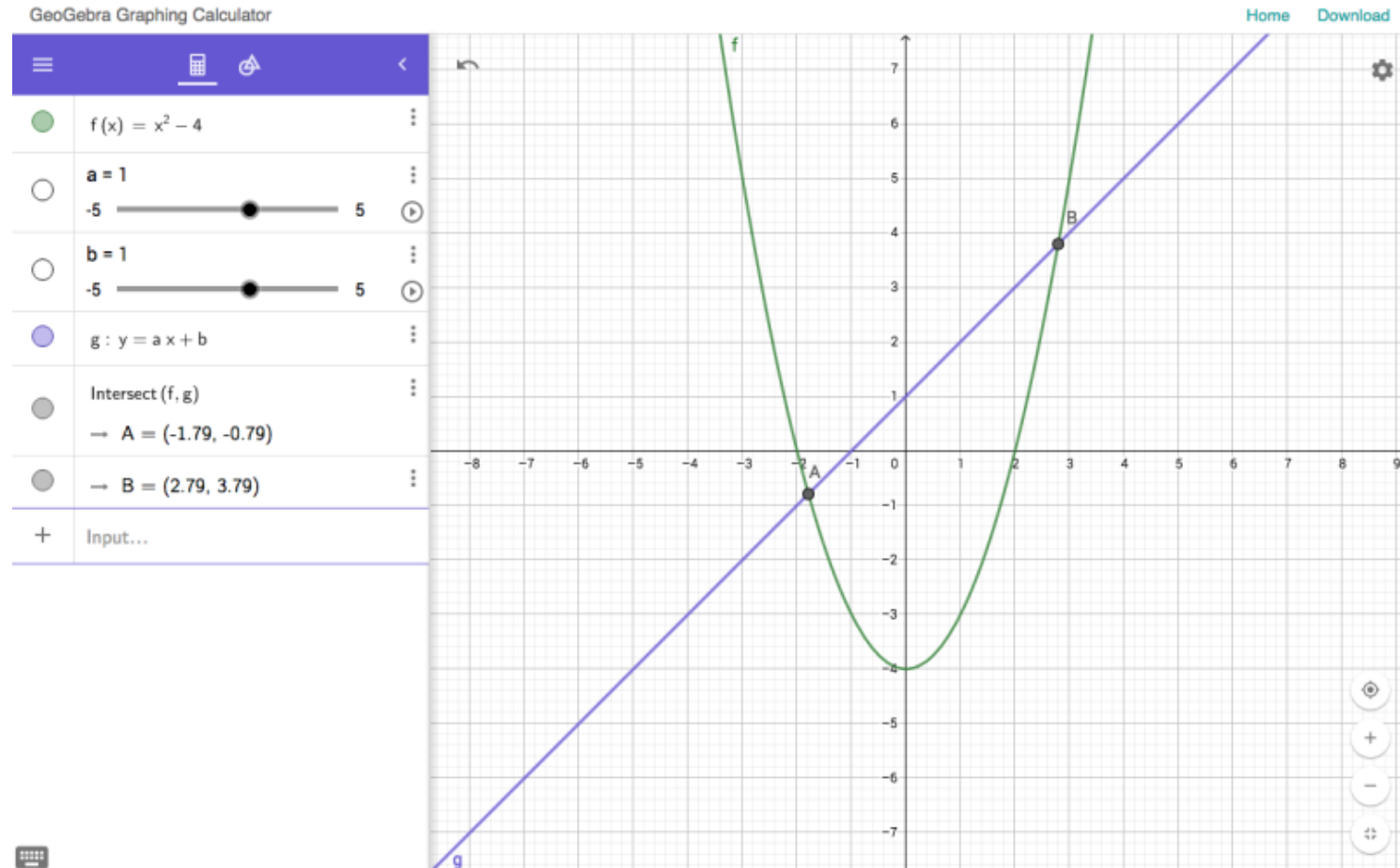
Plickers

- Teacher uses one phone/tablet
- Students use cards for answering
- Real-time assessment



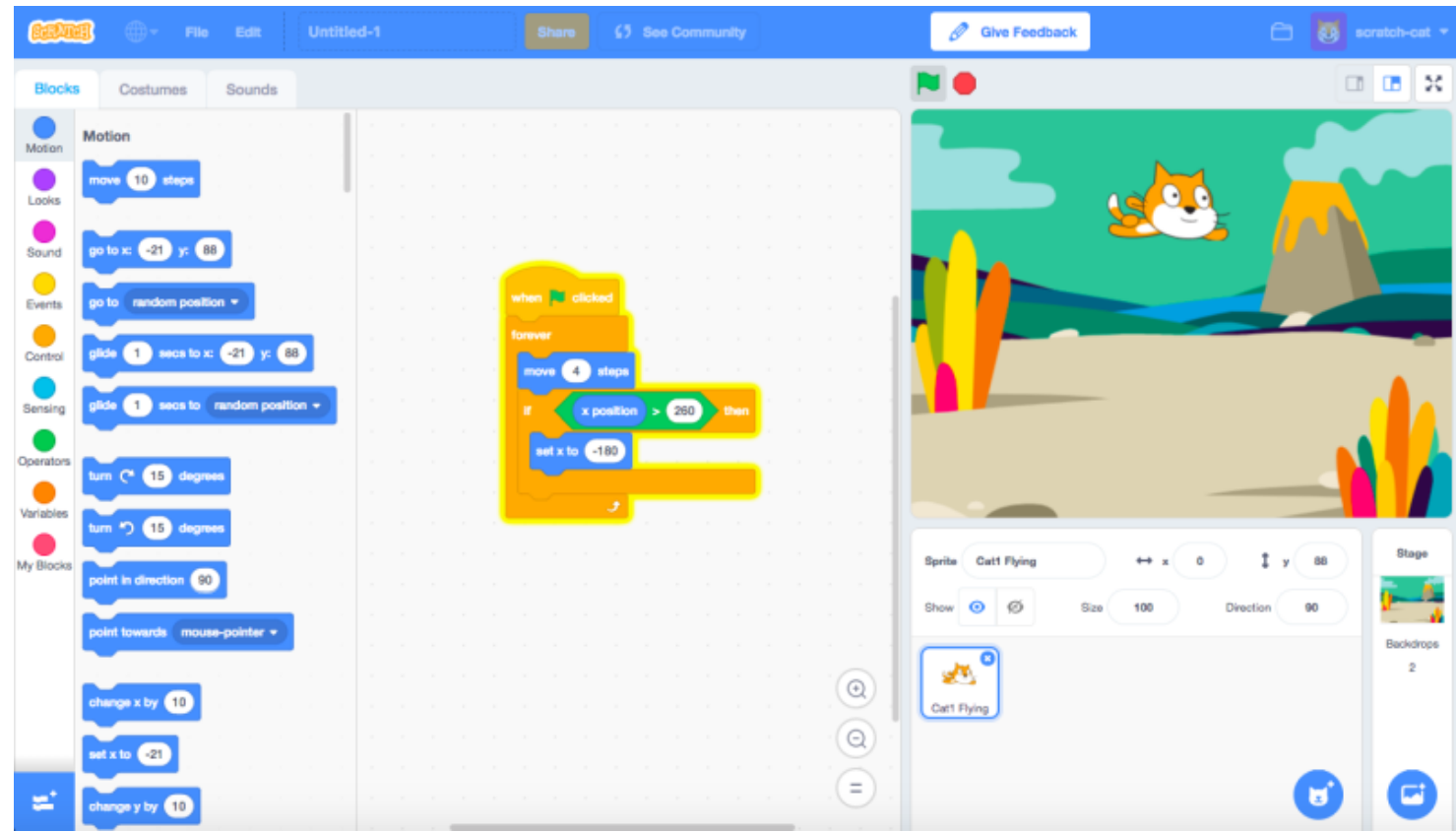
GeoGebra

- Supports interactive geometry, algebra, statistics and calculus
- Can be used for teaching from primary school to university level



SCRATCH

- Developed by MIT (Massachusetts Institute of Technology)
- Visual programming language
- Encourages the sharing, reuse and combination of code





- Online whiteboard
- Supports different geometrical shapes, text, Equations, Images and Documents
- Bord is endless in all directions

The image shows a large whiteboard filled with handwritten mathematical work in red and green ink. The work includes various algebraic equations, systems of linear equations, and geometric diagrams. A stick figure character is standing on the right side of the whiteboard, pointing at the work.

Key mathematical content visible on the whiteboard:

- Red Ink:**
 - System of equations: $\begin{cases} -7y + x = 9 \\ -2x + 14y = 9 \end{cases}$
 - Equation: $2y - 7y = 3$
 - Equation: $-2x - 4y = 9$
 - Equation: $2x - 14y = 6$
 - Equation: $-2x + 14y = 9$
 - Equation: $0 = 3$
 - Equation: $x^2 + 4x - 21$
 - Equation: $x = 3$
 - Equation: $3x + 2 = 5$
 - Equation: $3x = 5 - 2$
 - Equation: $3x = 3$
 - Equation: $x = 1$
 - Equation: $5y - 7x = 4$
 - Equation: $6x - 4y = -9$
 - Equation: $4(-7x + 5y) = 4$
 - Equation: $5(6x - 4y) = 9$
 - Equation: $30x - 20y = 9$
 - Equation: $2x - 10y = 3$
 - Equation: $x = 6$
 - Equation: $7 = 2y$
 - Equation: $5 = 3y$
 - Equation: $5 + 3y = x$
 - Equation: $5 + 3y - 7 = 2y$
- Green Ink:**
 - System of equations: $\begin{cases} 3x + 5y = 27 \\ -8x + 3y = 7 \end{cases}$
 - Equation: $3x + 5y = 27$
 - Equation: $-8x + 3y = 7$
 - Equation: $3x + 5y = 27$
 - Equation: $-8x + 3y = 7$
 - Equation: $x = 0$
 - Equation: $7x + 3y = 4$
 - Equation: $8y + 3x = 11$
 - Equation: $7x + 9y = 4$
 - Equation: $9x + 18y = 11$
 - Equation: $2y = -1$
 - Equation: $x = 7/2$
 - Equation: $x = 7/2$
 - Equation: $x = 7/2$
- Geometric Diagrams:**
 - A diagram showing a rectangle with points P, T, and Q labeled.
 - A diagram showing a rectangle with points P, T, and Q labeled, and a line segment connecting P and T.



- Powerful gamification tool
- Students create and level up characters
- Teacher creates challenges (quests) and provides rewards or punishments

A screenshot of the Classcraft web application interface. The top navigation bar includes the Classcraft logo, the course name "Mathematics 101", and user icons. Below this, a team selection bar shows "Team Sherbrooke" and several player avatars with their names and health points (HP) and action points (AP) bars. The main content area is split into two columns. The left column is a list of players, with "Harry Audette" highlighted in green. The right column displays the detailed profile for Harry Audette, a "Healer - Level 12". His stats are: HP 30/80, AP 30/80, XP 3023/3023, and GP 3023. Below the stats are icons for Powers (2), Items, Badges, and Sentences (2). A list of powers is shown: "Ambush" (-10 AP), "Counter Attack" (-15 AP, +100 XP), and "First Aid" (-20 AP). At the bottom of the profile, it says "You have 2 Power Points" and a "LEARN POWERS" button. The right side of the interface features a large, vibrant 3D illustration of a character in a white and gold robe, holding a staff and a glowing orb, standing on a cliff overlooking a fantastical city with a tall spire.

Office 365

- Latest Office programs
- Easy sharing of files
- 1TB size of OneDrive storage
- Annual subscription
- [Free for universities, colleges and schools](#)



Office 365
dev.office.com

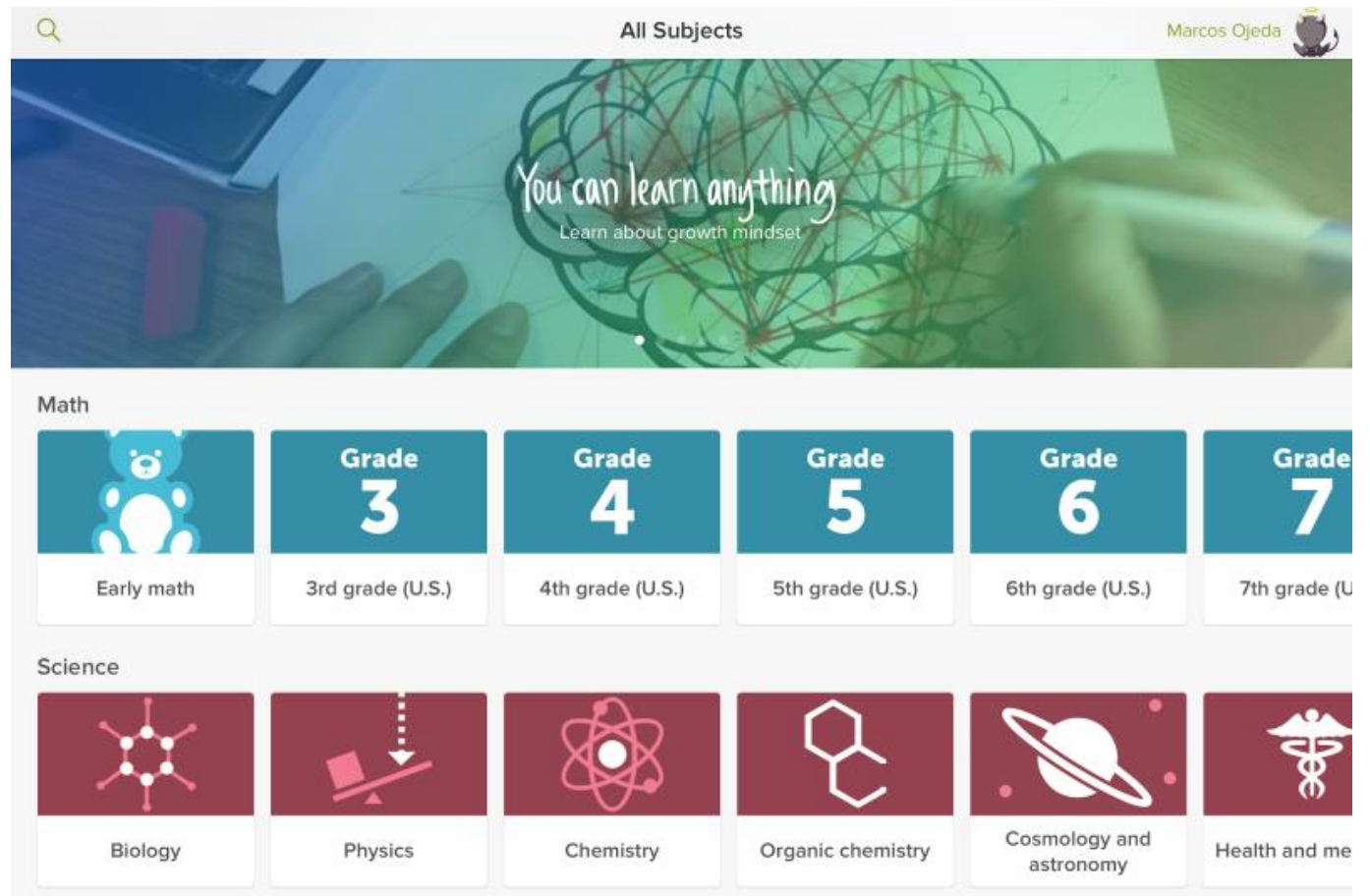
Extend. Connect. Open.

Microsoft

The graphic features a blue background with a white Office 365 logo and the URL 'dev.office.com'. Below the logo, there is an illustration of five diverse people sitting around a table with laptops, representing a collaborative work environment. To the right of the illustration, a network of colorful lines connects various Office 365 application icons (Word, Excel, PowerPoint, OneDrive, Outlook, Teams, etc.) to the central illustration, symbolizing connectivity and integration. The Microsoft logo is positioned in the bottom right corner.



- Powerful virtual flipped classroom with integrated gamification
- Covers most of school subjects in primary, middle and high school with subtitles and voiceovers on many languages
- Supplements in-class learning



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