

Note that our basic Teacher Tools package will consist of a **Teacher's Dashboard** (slide 2) plus 3 additional pages as listed here (slides 3 thru 5). Jay and I can go through all aspects of this with you before you begin work. These mockups are our current sense of how best to provide this functionality. We will work with our CTO to optimize the look and feel of these tools and ensure broad compatibility with **laptops and tablets**. Mobile viewing, while nice, is not essential at this point.

Teacher-Tools Mockups:

Slide 2: Teacher Dashboard (new version of our current dashboard)

Slide 3: Collections Page (new version of our Teacher's collections page)

Slide 4: Maze Results: Class Summary (shows results from 1 collection)


Slide 5: Maze Results: Students Page (shows individual student results)

other mockups; Jay is doing web page work

Slide 6: Create Collection Page (new version of Create Collection page)

Slide 7: Edit Collection Page (old version, will be updated to look like Slide 6)

Teacher Dashboard / Teacher Home Page

SEE ALL SCIENCE ACADEMICS JUST FOR FUN SPECIALTY COLLECTIONS TEACHERS MAZEFIRE1

Karla Schallie's DASHBOARD

Assigned Collections Other Collections NEW Collection

sort by: date

	# mazes	created	plays/wins	details...
Anatomy & Physiology	8	9/1/17	245/187	includes kidney, heart, cardio...
Pharmacology Paklet	4	2/15/17	61/14	optional games on Pharmacology
Microscopy Games - Spr	12	2/1/17	492/315	covers 12 slide set including ...
Microscopy Games - Fall	12	10/1/16	0/0	same mazes as spring collection

[show more](#)

NEW Notes: If user clicks **TEACHERS** and is not logged in, pop-up should say “you must be logged in to use Teacher Tools (free).” After logging in, if person has no collections yet and clicks on **ASSIGNED** our pop-up should say “click NEW collection if you wish to create a collection for your students”; or for **MORE** say: “click NEW collection if you wish to create PERSONAL or SHARED collections”. In the future, clicking on the sort by will reveal options, perhaps date created, category, most played (NOT PART of mvp). DEFAULT view is to show ASSIGNED collections; clicking **MORE** will turn that box GREEN and show collections that are not assigned to classes. We will eventually need a COPY collection function.

Example: Assigned Collection Page

[SEE ALL](#)[SCIENCE](#)[ACADEMICS](#)[JUST FOR FUN](#)[SPECIALTY](#)[COLLECTIONS](#)[TEACHERS](#)[MAZEFIRE1](#)

Anatomy and Physiology Collection

[Share](#)[Edit](#)[Delete](#)

Description: This exemplifies a brief description both for the teacher and the students and is also shown at the top of the COLLECTIONS list like our current public collections.

Access Code:
dmo-fallbio5581

pop-up: are you sure you want to delete this collection?

[sort by name](#)[open all mazes](#)

	plays/wins	fastest	avg. τ	% right	details...
A&P 1.1 - Pretest <input type="radio"/>	65/47	00:06	14:21	56%	basic facts on cell physiology and ...
A&P 1.2 - Bones <input type="radio"/>	61/54	00:06	9:13	72%	bones, attachments, forces, ligam...
A&P 1.3 - Muscle <input type="radio"/>	00/00	n/a	n/a	00	fast and slow muscle, energetics and...
A&P 1.4 - Tissues <input type="radio"/>	00/00	n/a	n/a	00	connective tissue, ECM, attachments...

NOTE: this is for ASSIGNED collections; the OTHER collections page will have some differences tba

additional (older) notes below

later we might let teachers set OPEN and CLOSE times fore each maze; not needed yet!

Clicking the OPEN ALL button will turn all green and that button will then say “close all mazes” to allow the opposite. Red and green ball-buttons will toggle individual mazes ON or OFF (i.e. collecting student data or not). The items included in table is just my first pass aka negotiable. The “**details**” field is just the first 35 characters in the sql table’s description field for each individual maze. A future Advanced Teacher Tools package would let teachers edit this.

Teacher Report 1: Maze Summary

[SEE ALL](#)[SCIENCE](#)[ACADEMICS](#)[JUST FOR FUN](#)[SPECIALTY](#)[COLLECTIONS](#)[TEACHERS](#)[MAZEFIRE1](#)[A&P 1.1 - PreTest](#)[Class Summary](#)[Student Responses](#)[Customize Maze](#)

Highlights

# students played:	56	# correct answers:	867	easiest question:	# 3
# students completed:	48	# incorrect answers:	1,454	hardest question:	#14
total # plays:	63	# TIPS viewed:	385	played:	6/1/17 – 8/5/17

Maze Summary

[printer icon](#)

Question / Room #	Correct Answer	Answer Choices					Total # Correct	Total # incorrect
		A	B	C	D	E		
1 – Sodium has an atomic...	E	11	16	3	9	42	42	39
2 – An uncharged atom...	E	7	18	8	4	51	51	37
3 – In blood, sodium...	D	11	5	0	53	19	53	35
4 – These ring-contain...	D	12	16	3	33	26	33	57

[show all](#)[includes repeat clicks](#)

Notes: (1) Response “frequencies” was changed to “choices” because they are definitely not frequencies. Also, *Responses* was changed to *Answers* b/c more precise language is usually better. (ii) A detailed “Explanation for Teachers” is provided below in the Notes box, and this could be presented with a “more” button as noted. (iii) the total numbers of correct and incorrect choices gives a general sense of the amount of time the class spent on any questions [table numbers are fictitious place holders; do not assign significance to them]. (iv) “binary scoring” is explained in notes.

Later we might open the [Explanations Page](#) with a button under the Collection Name

more notes below

Teacher Report 2: Student Details

[SEE ALL](#)[SCIENCE](#)[ACADEMICS](#)[JUST FOR FUN](#)[SPECIALTY](#)[COLLECTIONS](#)[TEACHERS](#)[MAZEFIRE1](#)[A&P 1.1 - PreTest](#)[Class Summary](#)[Student Responses](#)[Customize Maze](#)

Highlights

avg. time in maze: 13:45

fastest complete time: 0:26

longest time in maze: 43:55

Top Student: M. Phelps

2nd Best: H. Bolt

3rd Best: R. Clinton

students played: 56

students completed: 48

total # plays: 63

Student Responses

[print / export](#)

NAME	Correct Answers	Incorrect Answers	% correct	Date Started	Time at Completion	Elapsed Time in Maze
Tyrone Van Aswegen	7	0	100	2/20/17	16:53	0:26
Janis Brennan	11	7	61	2/21/17	8:09	3:43
Lucas Glover	15	51	23	2/20/17	dnf	43:55
James Hahn	9	16	36	2/22/17	23:14	5:16

[show all](#)

click on [student name](#) for detailed responses

We will be modifying existing web pages (slides 7 and 8) along the lines shown here. These mockups are also shown to convey existing functionality in the MazeFire 2.0 code.

Create Collection

All Available Mazes

[FILTER](#)

[SEARCH](#)

- 2 Digit Addition
- Advanced Immunology by Prof. Richardson
- Advanced Microbio Review by Win
- American History for Kids
- Anatomy & Physiology 1.1 - PRETEST
- Anatomy & Physiology 2.1 Neurons & Sensory Systems
- Anatomy & Physiology 2.10 - Energy & Homeostasis
- Anatomy & Physiology 2.2 - Systems Neuroscience
- Anatomy & Physiology 2.3 - ANS / Endocrine System
- Anatomy & Physiology 2.4 - The Heart
- Anatomy & Physiology 2.5 - The Circulatory System
- Anatomy & Physiology 2.6 - Immunology & Lymphatics
- Anatomy & Physiology 2.7 - The Respiratory System
- Anatomy & Physiology 2.8 - The Digestive System
- Anatomy & Physiology 2.9 - The Kidneys
- Anatomy and Physiology 1.2 - Skin, Muscles & Bone
- Anatomy and Physiology 1.3 - Nerves, Glia & Muscle
- Asthma 101
- Astrobiology 101
- Autism 101: with Diagnosis & Treatments
- Behavioral Finance 101

Collection Name:

TYPE: ASSIGNED OTHER (any non-graded collection)

Access Code:

Generate Code

Collection Description:

→ click to ADD maze

Mazes Added to Collection

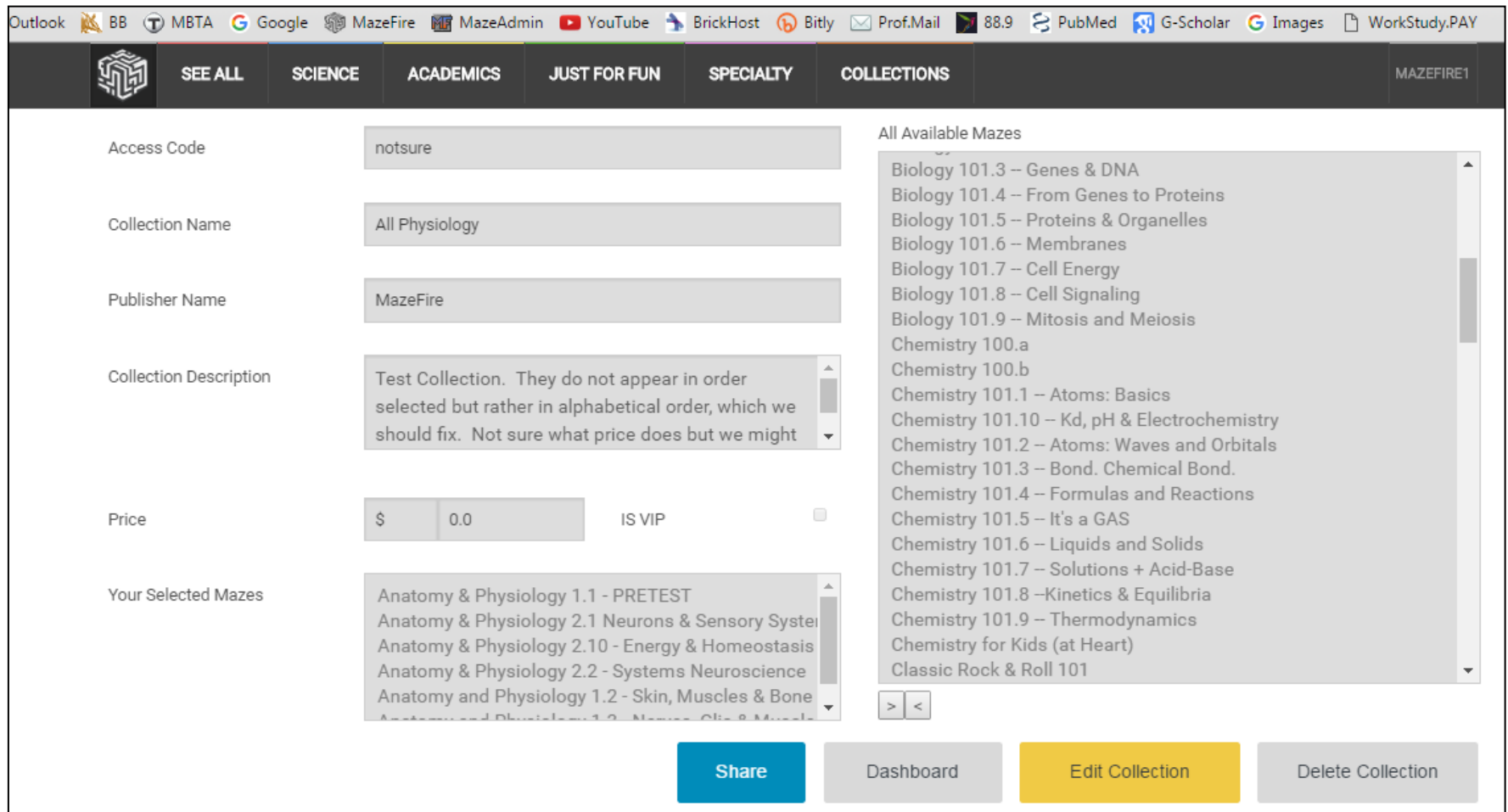
← click maze to remove

Save

Cancel

double-click any MAZE to see Explanations Page

This is the current EDIT COLLECTIONS page, which you can see only after CREATING a collection. no mockup of yet of NEW edit-collection, but it will be along the lines of the CREATE collection page above.



Outlook BB MBTA Google MazeFire MazeAdmin YouTube BrickHost Bitly Prof.Mail 88.9 PubMed G-Scholar Images WorkStudy.PAY

SEE ALL SCIENCE ACADEMICS JUST FOR FUN SPECIALTY COLLECTIONS MAZEFIRE1

Access Code: notsure

Collection Name: All Physiology

Publisher Name: MazeFire

Collection Description: Test Collection. They do not appear in order selected but rather in alphabetical order, which we should fix. Not sure what price does but we might

Price: \$ 0.0 IS VIP

Your Selected Mazes: Anatomy & Physiology 1.1 - PRETEST, Anatomy & Physiology 2.1 Neurons & Sensory System, Anatomy & Physiology 2.10 - Energy & Homeostasis, Anatomy & Physiology 2.2 - Systems Neuroscience, Anatomy and Physiology 1.2 - Skin, Muscles & Bone

All Available Mazes: Biology 101.3 -- Genes & DNA, Biology 101.4 -- From Genes to Proteins, Biology 101.5 -- Proteins & Organelles, Biology 101.6 -- Membranes, Biology 101.7 -- Cell Energy, Biology 101.8 -- Cell Signaling, Biology 101.9 -- Mitosis and Meiosis, Chemistry 100.a, Chemistry 100.b, Chemistry 101.1 -- Atoms: Basics, Chemistry 101.10 -- Kd, pH & Electrochemistry, Chemistry 101.2 -- Atoms: Waves and Orbitals, Chemistry 101.3 -- Bond. Chemical Bond., Chemistry 101.4 -- Formulas and Reactions, Chemistry 101.5 -- It's a GAS, Chemistry 101.6 -- Liquids and Solids, Chemistry 101.7 -- Solutions + Acid-Base, Chemistry 101.8 -- Kinetics & Equilibria, Chemistry 101.9 -- Thermodynamics, Chemistry for Kids (at Heart), Classic Rock & Roll 101

Share Dashboard Edit Collection Delete Collection

UPDATED:

The SHARE function will send an access code.
This OLD page sends a URL. Pro's and Cons discussed further below.

current Create Collection page: will be replaced by Slide #6



SEE ALL

SCIENCE

ACADEMICS

JUST FOR FUN

SPECIALTY

COLLECTIONS

TEACHER

ADMIN

MAZEFIRE1

Create Collection

Collection Name

Creator's Id

Publisher Name

Access Code

Collection Description

Price IS VIP

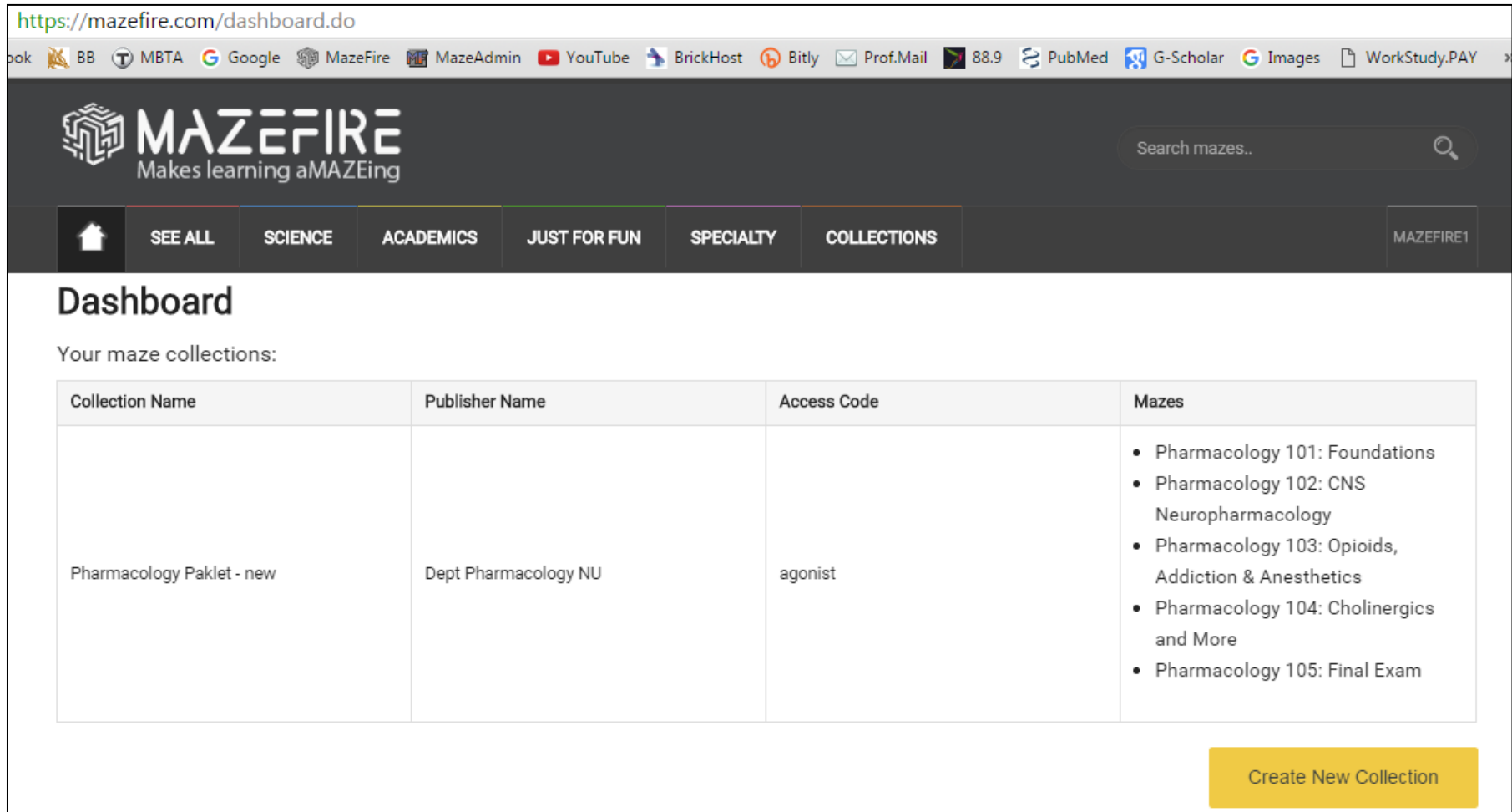
Selected Mazes Name

All Available Mazes

- 2 Digit Addition
- Advanced Microbio Review by Win
- American History for Kids
- Anatomy & Physiology 1.1 - PRETEST
- Anatomy & Physiology 2.1 Neurons & Sensory Systems
- Anatomy & Physiology 2.10 - Energy & Homeostasis
- Anatomy & Physiology 2.2 - Systems Neuroscience
- Anatomy & Physiology 2.3 - ANS / Endocrine System
- Anatomy & Physiology 2.4 - The Heart
- Anatomy & Physiology 2.5 - The Circulatory System
- Anatomy & Physiology 2.6 - Immunology & Lymphatics
- Anatomy & Physiology 2.6b - Advanced Immunology
- Anatomy & Physiology 2.7 - The Respiratory System
- Anatomy & Physiology 2.8 - The Digestive System
- Anatomy & Physiology 2.9 - The Kidneys
- Anatomy and Physiology 1.2 - Skin, Muscles & Bone
- Anatomy and Physiology 1.3 - Nerves, Glia & Muscle
- Are YOU smarter than a grad student?
- Asthma 101
- Astrobiology 101
- Autism 101: with Diagnosis & Treatments

Teacher's View: OLD DASHBOARD.

will be replaced by slide #2



The screenshot shows the MazeFire dashboard interface. At the top, there is a navigation bar with the MazeFire logo and the tagline "Makes learning aMAZEing". Below the logo is a search bar labeled "Search mazes...". The main navigation menu includes buttons for "SEE ALL", "SCIENCE", "ACADEMICS", "JUST FOR FUN", "SPECIALTY", and "COLLECTIONS". The "COLLECTIONS" button is highlighted. Below the navigation menu, the page title "Dashboard" is displayed. Underneath, the text "Your maze collections:" is followed by a table with the following data:

Collection Name	Publisher Name	Access Code	Mazes
Pharmacology Paklet - new	Dept Pharmacology NU	agonist	<ul style="list-style-type: none">• Pharmacology 101: Foundations• Pharmacology 102: CNS Neuropharmacology• Pharmacology 103: Opioids, Addiction & Anesthetics• Pharmacology 104: Cholinergics and More• Pharmacology 105: Final Exam

At the bottom right of the dashboard, there is a yellow button labeled "Create New Collection".

We do not need Publisher column (moot) OR Access Code column- this is provided on the individual Collection Pages.

UPDATED Registration Page: Information needed from Students

MAZEFIRE
Makes learning aMAZEing

Search mazes...

SEE ALL

Register

Please enter your email

demo

This username is already taken, please try another.

..... (password entered here)

first name last name

Register As:
student teacher

CREATE ACCOUNT

[Already registered? Log in now.](#)

Login With Facebook

Login With Twitter

biology 101: Semester Pak

Small & The De...

Biology

03. History of the Civil War
History

04. Digital Games: A Brief History
Technology

05. Education Technology 101

Transition from Wondering to KNOWING

Our 140+ Digital Maze Games put YOUR 20 billion neocortical neurons to work for YOU! And get 200 questions SMARTER with one of our Semester Paks, under COLLECTIONS.

Teachers and Students LOVE our Maze Games!

UPDATED Registration Page Information needed from TEACHERS

The image shows a screenshot of the MAZEFIRE website's registration page. The MAZEFIRE logo is at the top left, with the tagline "Makes learning aMAZEing". A search bar is at the top right. A modal window titled "Register" is open in the center. The modal contains the following elements:

- An email input field with the placeholder text "Please enter your email".
- A username input field containing "demo", which is highlighted in yellow. Below it, a red error message reads: "This username is already taken, please try another."
- A password input field containing "....." with the placeholder text "(password entered here)".
- Two input fields for "first name" and "last name".
- A section titled "Register As:" with two radio button options: "student" (unselected) and "teacher" (selected).
- An input field for "Organization (college, school, etc.)".
- An input field for "Location (city, state; country optional)".
- A blue "CREATE ACCOUNT" button.
- A link at the bottom: "Already registered? [Log in now.](#)"
- Two social login buttons on the right: "Login With Facebook" (with a Facebook icon) and "Login With Twitter" (with a Twitter icon).

The background of the page is dark and shows a navigation menu with "SEE ALL", "SIGN IN", and "REGISTER" options. There are also some promotional banners for "Transition from..." and "04. Digital Games: A Brief History" visible.

UPDATED Registration Page showing what the **TEACHERS** need to enter: they have to fill all boxes, but can enter any Organization they like and enter any Location information they like.

Register ✕

Please enter your email

demo

This username is already taken, please try another.

..... (password entered here)

first name last name


Register As:
student teacher

Organization (college, school, company, etc.)

Location (city, state; country optional)

CREATE ACCOUNT

[Already registered? Log in now.](#)

Login With Facebook 

Login With Twitter 