Google Classroom: Engaging the 21st Century Student and Empowering the Teacher

Andy Mann - Instructional Technology Consultant
Jennifer Glombowski - Agriscience Instructor
Kathy Van Til - Health Science Instructor

Muskegon Area Intermediate School District

Obtain a copy of this presentation at: http://bit.ly/mcecgoogle
What is Google Classroom?

Google Drive workflow and communications tool

- Send announcement
- Create discussion questions (grade due date - optional)
- Create assignments (grade/due date - optional) *shows in Calendar*
- Email students
- Share materials

Classroom is not a full Learning Management System - as is Moodle or Blackboard, but it’s often all that is needed (only 18 months old - with new features added each month)
Why We Started Using Google Classroom

The School Districts we Serve in Muskegon County Schools all use Google Apps for Education

- Students are using Google Classroom in their home districts
- Students were bringing technology with them (Chromebook or cell phone)
- Students need tools to stay better organized
- Students who miss a class can stay up-to-date
Google Classroom is Good for Students

Students receive email notification of...

- Announcement
- Discussion questions (due date shows - red if late)
- Assignments (due date shows - turns red if late)

There is a Google Classroom app for their smart phone

Students who miss a class still know what was covered/due

It helps students stay organized
Google Classroom is Good for Teachers

Students who miss a class have no excuse

Everything is electronic - no more stacks of assignments to bring home to grade

- Grading, feedback, and returning documents - all done electronically
  - Once a student submits an Assignment, it can no longer be edited
  - Students are notified when a graded assignment is returned
- Send to Classroom extension - makes it easy to share
Getting Started

1. Must be a Google Apps for Education district
2. Works best with Chrome browser
3. Consider how to deal with students who are not from a Google Apps for Education district
   a. Homeschool students were given a restricted account/email from our organization
4. Teacher received extra support/training - [flyer]
   a. As incentive - teachers received a Chromebook - Google Classroom does works with Chrome browser and mobile devices
5. Created a [pre/post survey] to measure impact
Whitelist Domains

Two setting - must be done by both the sending school district and the Career Center district

1. Add domains to whitelist
2. Check: your organization users can join classes in the whitelisted domains

Check: Whitelisted domain users can join classes in your organization
Whitelist Domains

28 Domains in our whitelist

- calvaryeagles.org
- choiceschools.com
- fruitport.k12.mi.us
- fruitportschools.net
- fruitportstudents.net
- hart.k12.mi.us
- holton.k12.mi.us
- maps.k12.org
- mhpsnet.org
- mhtigers.org
- monashores.net

Your organization's users can join classes in whitelisted domains.

Whitelisted domain users can join classes in your organization.
Michigan Career Ed Conference

Kathy Van Til    Jennifer Woods

STREAM    STUDENTS    ABOUT

INVITE    ACTIONS    Students can post and comment    CLASS CODE    kejw83

Invite students or give them this code to join: kejw83
Who Should Use It?

- All Teachers!
- Groups
How we use it?

- Create an Announcement
  - Daily plan
  - Sub Plan
  - Absent kids/sending schools absent
Daily Targets / Substitute Plans

Jennifer Woods
Jan 19

Tuesday - Game Plan

Hope you enjoyed your day off. Today we are back at it.

1. Warm up - On Google Classroom - Read the article and respond to the questions on Google Classroom
2. 1A - Announcements - Please bring in field trip forms for Districts.
3. 2. Review this week’s ID
4. CCTP - Book Check
5. 4. Stems - Discussion on stems and Review
6. 5. Leadership Events

Friday! January 15 Mrs. Rowley is teaching today! You can sell your Entrepreneur product on break today. Please do not be out of class longer than 15 mins.

* Take a few minutes to study. Please look over the skeleton that I gave you day 1 - it was a color skeleton.
* Take the Skeletal Test. Take your time. Read each question carefully.
* Attached you will find the information for Ch. 7. The Muscular System. I want you to work on #1 you can go on to #2 if you complete it. The sheet you will take your notes on is also attached below. You can also begin your workbook Ch. 7, if you want.
* If you are doing HOSA and need to practice a skill you may reserve some time for that before the end of class today. Sydney and Kelsey - are you still planning on HOSA? If you are starting your poster I left some letters on Mrs. Rowley's desk.
* If you complete the above please continue to work on your Med Term for the musculoskeletal system.
* Finish strong! The semester is almost done.

Reading Guide for Muscle System

Main Idea / Details notes
Absences

Kathy Van Til
Jan 18

Tuesday, January 19
* Go to the following link and post a response to the thread. You will need to click on the screen and then place your comment!
* We will be discussing the muscular system. You can find the related notes under "About." I have also added a copy below.
* Don't forget about Mid Term! Continue working through your workbook, and we will be talking about common terms used in the muscular system.
* and a Magic School Bus video to learn a bit more about the muscle.
* Please, if you are absent due to exams, remember it is your responsibility to check google classroom to keep up. We keep moving forward!

THE MUSCLE SYSTEM
http://www.padlet.com/kathyvantil/Muscle

PPT_Chapter_07_student
Google Slides

Magic School Bus Episode 15 Flexes It Muscles
YouTube video 21 minutes

Add class comment...
How we use it?

- Create a Question
  - Formative assessment
  - Class discussion
Questions: Formative Assessment

Fill in the blank!

Do you know the structure of a muscle and how it contracts?

What is a fasicle?

This connective tissue covers the entire muscle.

This layer of connective tissue surrounds each fascicle.

What is a fasicle? (15 responses)

- Bundle of muscle cells together that makes up a whole muscle.
- Bunch of muscle cells put together to make the muscle.
- Bundle of muscle cells that make up a whole muscle.
- Bundle of muscle cells that make up a whole muscle.
- Bundle of muscle cells that make up a whole muscle.
- Bundle of muscle cells that make up a whole muscle.
- Bundle of muscle cells that make up a whole muscle.
- Bundle of muscles.
- A bundle of fibers that come to make up a whole muscle.
- Bundle of muscle cells that make up muscle.
- Bundle of muscle cells that make up a whole muscle.
Classroom Discussion:

Warm up - Picture of the Week
Travel to the attached website and take a look at the picture given - When you are finished answer the following questions:

1. What is going on in this picture?
2. What do you see that makes you say that?
3. What more can you find?

What’s Going On in This Picture - The Learning Network Blog - The New York Times
http://learningblogs.nytimes.com/category/lesson-plans/whats-going-on-in-this-picture/?_r=1
How we use it?

- Assignment
  - Turning it in on time!
  - Manage late work
  - Grading
Assignments:

- Turn It In ~ No more missing names!
  - [https://classroom.google.com/u/0/c/NDMzMTE5ODkw](https://classroom.google.com/u/0/c/NDMzMTE5ODkw)

- Assignment flow
  - Teacher creates a google doc -> student edits their copy & turns it in -> teacher grades -> returns to student.
Student Management of Assignments

Your work

Files you add or create can be viewed and edited by your teacher

Newsel Letter: Lead - Brooke Sano
Google Docs

Add

Create

TURN IN

NOT DONE
Read the article about toxic metals in the water. In google classroom you will find an assignment to write a response to this question. Use this article to justify your responses.

In Flint we have a crisis related to lead in the water. I want you to imagine YOU live in Flint and the water you have been drinking for the last year. You have been asked to write a letter to the
Late Work

Stem Review

4
DONE

11
NOT DONE

Plant Stems
Google Forms

Not done

Late

Late

Done

Add grade

Add grade

Add grade

Add grade

Not done

Add grade
Advantages

● Similar to Blackboard and Moodle
● Student self regulating
● Formative Assessment
● Flow of information to students
  ○ “Push”
● Collaborative projects
● There is an “APP”
  ○ Easy to access from phone or tablet

Disadvantages

● Does not match grading platforms
● Can’t see it from students view
● Cannot auto release assignments/announcements (Drafts)
  ○ Must physically release the assignments on any given day
  ○ Cannot release “Drafts” from the Classroom App
Any Questions?
Contact Information

Andy Mann - amann@muskegonisd.org
Jennifer Glombowski - jglombowski@muskegonisd.org
Kathy VanTil - kvantil@muskegonisd.org