**Trello in Education**

Trello is a visual collaboration tool that can be used for lesson planning, class organization, student research, organizing writing assignments, project based learning and more. It is free.

At first look Trello is a program to help with organization. But it can help us in so many ways beyond just organizing. Here are a five ways we can use Trello in our classrooms. Then we will drill down and see the nuts and bolts of one project to use in your class on Monday.

**Lesson Planning**

Machine generated alternative text:
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Solving Quadratics 
Radical Expressions 
Rational Expressions 
Asssessment 
Tools ot algebra 
Solving Equations 
Inequalities 
Assessment 
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Systems ot Equations 
Exponents 
p 2 03 
Factoring Polynomials 
Assessment 
Ratio and Proportions 
Functions 
Linear Functions 
Assessment 

CAPTION: The board is titled, Lesson Planning. The lists are organized by quarters. On each list there are cards of links. On the backs of the cards (which are not shown) are descriptions of what each linked site includes and how to use them. Pdf assignments are also included.

This lesson planning board is based on quarters. A different way to use Trello with lesson planning could be a single card having all components of one lesson: information, assignments, links etc., on that same card.

**Structured Learning Paths**

Machine generated alternative text:
A Platform For Learning 
Pre-Cal Lea ming Goals 
Learning to be Assess 
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CAPTION: Trello board titled Pre-Calculus Learning Goals with the lists of Resources, Still to Learn, Now Learning and Learning to be Assessed. Each list has cards with steps or lessons to be taken.

Another example board uses Trello as a “Structured Learning Path.” It gives the steps (on cards) to learning the topic. Here the topic is pre-calculus. The teacher discovered that this system allows the students to see what the next step is, also the steps preceding the assignments and if they are struggling, they can go back and review. The teacher commented, “Trello lets me as a teacher have a platform where I can go and have our lessons, our curriculum, our flow, and our standards, and all of my students can get there as well.”

**Weekly Classroom Newsletter**

Machine generated alternative text:
Weekly Classroom Newsletter p Inspiring Boards 
Public a 
Week ot October 16 
E Calendar 
Week ot October 9 
Week ot October 30 
Halloween Parade 
@ Oct 28, 2016 
After-School Meeting 
@ Oct 26, 2016 
Play Rehearsal 
@ Oct 25, 2016 
Ho mework Assignments 
upcoming Tests & Quizzes 
Week ot October 23 
School Sand Concert 
@ oct21, 2016 
Play Rehearsal 
@ Oct 19, 2016 
Dinner Table Discussion 
Ho mework Assignments 
upcoming Tests & Quizzes 
Field Trip to The Nature Center 
10/5 & 10/6 NO SCh001 - Teacners 
@ Oct 14, 2016 
Conferences 
@ Oct 7, 2015 
Anti-aullying Lessons 
After-School Meeting 
@ Oct 11, 2016 
Ho mework Assignments 
upcoming Tests & Quizzes 
Field Trip Permission Slips Due 
@ oct4, 2015 
Dinner Table Discussion 
Ho mework Assignments 
upcoming Tests & Quizzes 

CAPTION: The board, Weekly Classroom Newsletter, is divided into weekly cards. Listed on each card are school events, meetings, homework and upcoming tests. Cards can include links, images, and downloadable materials.

Trello boards can be used for weekly newsletters and a place for your classroom assignments. Cards can be created with all lesson materials needed for student access. These lesson cards can then be reused each semester simply by copying the card to the next semester’s Trello board. This saves time but also allows for improvement as you can focus on new ideas to add next quarter.

**Student Research Board:**

Machine generated alternative text:
Student Research Project Board 
Rough Draft 
ISV DRAFT 
Draft Read Ma 
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Mue - RainfVøSt 
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Add a 
Project Overview 
C I i mate Change ProjEt 
Road Me 
Brainstorm 
Brainstorm Read Me 
Cessep 
Ah med Hamzah 
O'Sullivan 
ParÉt 
Th omas 
Research 
Research Read Me 
02Cct 
Brent Liao - Water Conservation 
Jessica Picoto - Climate Change & 
Wildlife 

CAPTION: the Student Research Board includes Project Overview, Brainstorm, Research, Rough Draft, Final Draft, and Completed boards. Each board has a first entry by the teacher called Read Me

The Student Research Board allows teachers to follow the students through their research projects with the Project Overview, Brainstorm stage, Research step, Rough Draft and continues with the Final Draft and Presentation steps. We will drill down into this Trello board later in this article.

PLC for teachers:

**Genius Hour Planning Board**

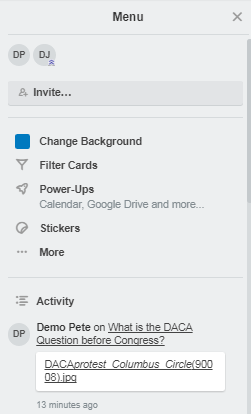
Machine generated alternative text:
Genius our Plan ng Board 
Directions tor Making a Trello List 
Type your Essential Question with 
correct capitalization and punctuatiom 
(Try' to spell things correctly it you 
cam) Include your name at the end in 
parentheses. 
2 Determine all of the steps you plan 
to take during this round ot Passion 
Time. Be sure to include everything 
trom this moment, until it is finisheff 
Really make an attempt to list ALL ot 
the steps you plan to do during this 
project - don't rush through this step, 
please"' 
3. Add a picture trom Google Images 
(be sure to make it appropriate and 
ignore anything inappropriate'). You'll 
just need the URL and it gets 
"attached" to the first card in the list 
4 Drag your head (trom the list on the 
right) onto the first card in your list. If 
you have a partner, drag theirs as 
well. 
5. As you discover more steps that 
you need to do: go back into Trello 
and add those steps. (You don't have 
to do this trom the Trello computer it 
you don't want to.) 
Inspiring Boards 
Public 
a 
Can I Learn and Teach Different 
Genres Ot Music and See What 
Genre Kids In Mr. Solarz's class 
prefer? By: Stacy and Nicole 
1. We will Submit our Essential 
Question 
What is Rorschach (roar-shack) 
Psychology and what do kids see 
when they look at each picture? 
By: Hanna and Mikey 
We Will make our KWH. 
Than we will make our padlet wall. 
We Will than find how Rorschach got 
it's name 
Atter that, we will test 13 kids and ask 
what they see in each picture. 
We Will conclude our study by wnting 
down what everyone see's in the 
pictures. 
We Will than make our screen cast. 
We Will make our blog and fill out our 
Why don't 5th graders listen when 
their teacher asks them to? (Mr. 
Solarz' Pretend Example) 
KWHI_AQ Chart. 
2 Ask tour teachers why they think 
students don't pay attentiorL 
3. DO the LAQ part Of the KWHLAQ 
Chart 
4. Create a video explaining why 
students don't always pay attention in 
class. 
2 
3 
4. 
We will create our blog post and 
We will make our trello 
We will make a website on weebly 
We will research different genres 
ot music then put them on a bracket. 
E. We will interview some students in 
ME Solarz's class and play a short 
clip tor them. They will then choose 
which one they preter to listen to 

CAPTION: This board is called the Genius Hour Planning Board. The board includes lists made by individual teachers of class projects. Each project list is filled with cards beginning with an essential question, a list of all the steps used during the project, and a picture from Google images (URL) which will be attached to the top of the list.

The Genius Hour Planning Board is great for PLC. You may be getting together now and again to share ideas to improve the school or your classes but how much better to gather those ideas in one place where teachers can see what others are doing, look at their resources and get ideas for their own class.

**The Trello Menu**

On the right of each Trello Board is the Menu. You can toggle it open or closed. You can invite students or give them the address of the board to get started. There is also an Activity section that lets you see who has done what.



CAPTION: On the right side of the screen (you can toggle it open or closed) is the Menu. In the menu is a list of participants’ avatars--if you hover over each one, you get the student's name. There is an Invite section where you can invite students who are already Trello members or send them a link. There is also a place to see the activity on the board so you can see what has been done recently.

**Getting Started:**

Machine generated alternative text:
Trello for Education 
Live with perspective 
0:57 
re o Isa visua co a ora Ion oo use In c assroomswor WI e o aci I 
broject based learning, collaboration, and discussion; 
Plus, it's free! 
Get Started! 

 CAPTION: This is the sign in page for Trello for Education

Go to the Trello website. <https://trello.com/education>

* Watch the introduction video.
* Scroll down to see examples of how teachers are using Trello boards in their classrooms.
* Sign up. You can use your Google account or email.

**The Basics: Beginner Tips for Using Trello**

*link to this page*: <https://blog.trello.com/beginner-tips-for-using-trello?utm_source=trello&utm_campaign=personal_productivity&utm_medium=ebook>

Machine generated alternative text:
get 
w,db 

CAPTION: This image shows the basic parts of the Trello page. The whole page is called a board. A board is made up of lists, each one part of the project or work flow. Each list is broken into cards. A card is a unit that presents a task and can hold a variety of information.

On a Basic Project Board you add lists. The lists might be divided into To Do, Doing and Done. Once a task has been finished it can be physically moved to the Done list. Or, if this is a project board and lists are divided by major section tasks, you can move one card from one list to another.

Ways to make the cards more useful:

* You can add a checklist to a card which allows you to see steps and when they are finished.
* Labels help categorize by color or tagged keywords on a card.
* Due dates can be added to the card
* People to collaborate with can be added to the card. They will receive notifications on their devices when there is a due date on that card.

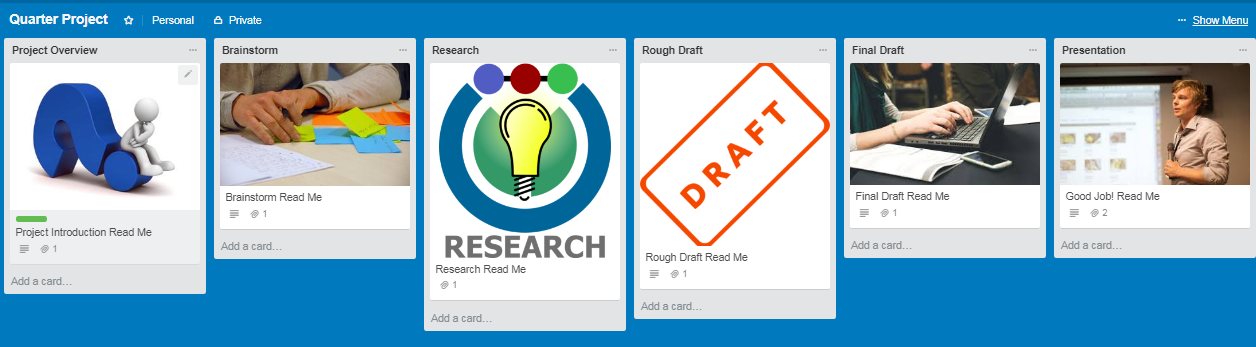
**Help available**

There are Help articles available (link to this page <http://help.trello.com/>)

Articles include Getting started, Using Trello, My Trello Account, Troubleshooting and many more.

**An Example Project Using Trello:**

**Quarter Project**



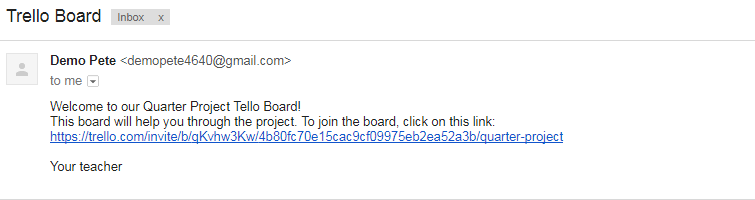
CAPTION: This Trello Board is titled Quarter Project. The lists include: Project Overview, Brainstorm, Research, Rough Draft, Final Draft and Presentation. The first card in each list is the Read Me card written by the teacher to describe this step in the project.

Link to this board  <https://trello.com/invite/b/qKvhw3Kw/4b80fc70e15cac9cf09975eb2ea52a3b/quarter-project>

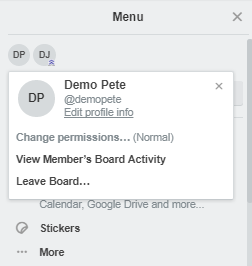
The first entry on each list is the Read Me card which describes that step and gives the teacher a place to include downloads, video links or any other information to share with the student. The student(s) (if the project is done collaboratively) name their project and add it to the first list as a card. Then as they move through the project they move their card from list to list. This is done by simply dragging the card to the list they want to join. The teacher can see which step each student (or group) is on. As the students build their project on the card, it moves with them.

**To enroll students**

If students are already Trello members the teacher can enroll them from the Menu. If students have not yet enrolled in Trello, the teacher can send an email with the board link:

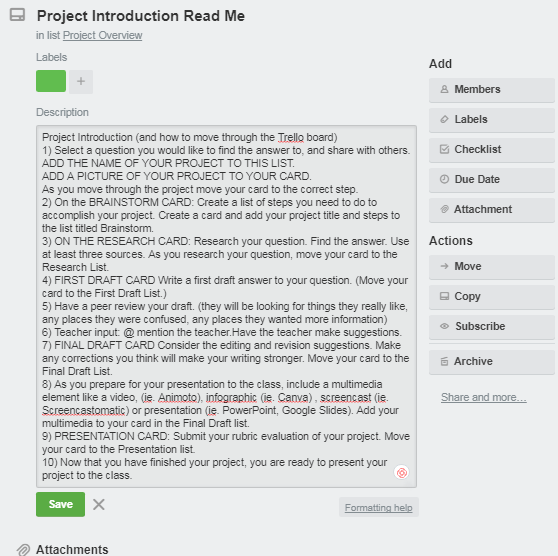
CAPTION: example email to the student with the board link.

The student is then placed in the Trello Menu.



CAPTION: If you hover over the student icon on the Menu list, you will see the student name.

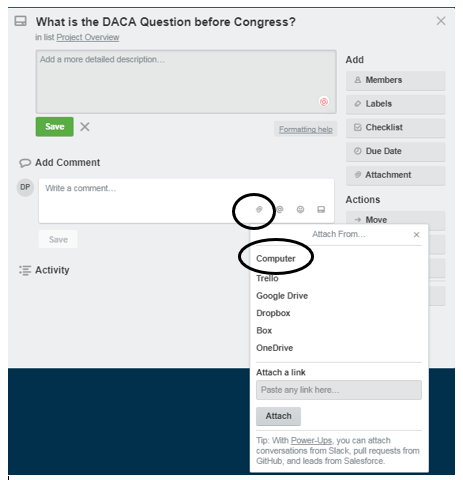
As a student clicks on the Read Me sections he or she will see the back of the card where the steps needed for that section are listed. Here is the Project Introduction Read Me card.



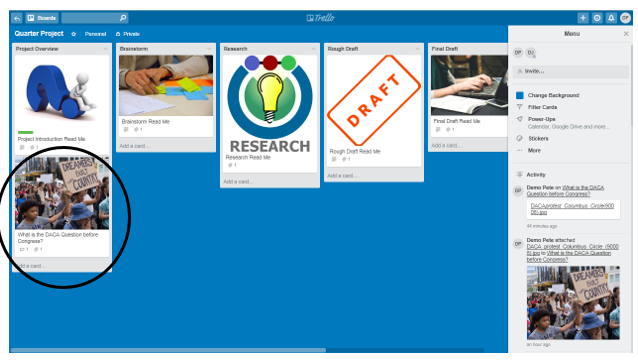
CAPTION: Instructions for the Project Introduction under Read Me section of the card.

**Student adds card**

The student is instructed to add his/her question to the Project Question board. After adding the question, the student clicks on the card and adds an image to his card. This image was found in Google images and saved to the computer.

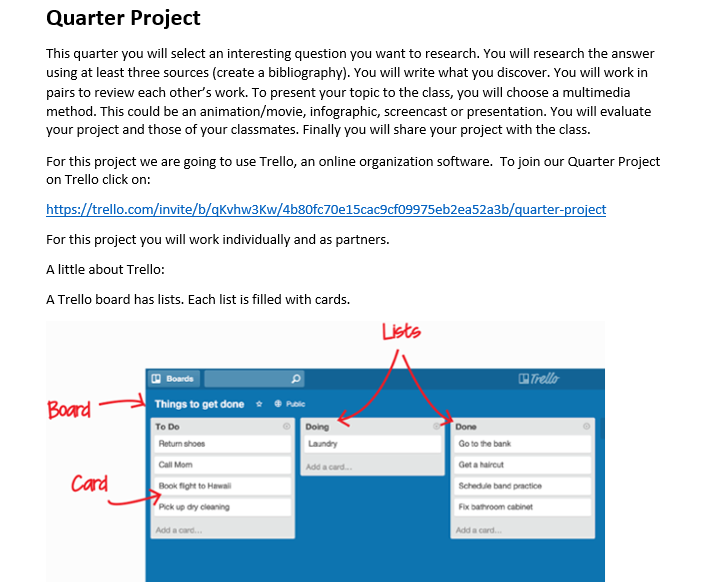


CAPTION: opposite side of the card where the student can add more information and an image from various sources including Trello, Google Drive, Dropbox, Box, OneDrive or your computer.



CAPTION: This shows the front of the card as it appears on the Trello board. Under Project Overview there is the first student entry, *What is the DACA question before Congress?* Also showing is the Menu screen where you can see the addition of this student’s card.

Here is the student handout for this project. <https://bpusd-my.sharepoint.com/personal/dwjensen569_bpusd_net/Documents/OTAN/Articles%20I%20am%20Writing/Trello/Quarter%20Project.docx>



CAPTION: This is page one of the student handout. It describes the project briefly then shows the basics of the Trello board.



CAPTION: The above screenshot is the second page of the student handout giving a picture of the Trello board and describing the project in detail.

**Project to Use on Monday**

Begin Monday to use Trello in your classroom. Get a Trello Account. Start with the Quarter Project. Here is the link to this project board. <https://trello.com/invite/b/qKvhw3Kw/4b80fc70e15cac9cf09975eb2ea52a3b/quarter-project>

Here is the two-page handout for the students.

<https://bpusd-my.sharepoint.com/personal/dwjensen569_bpusd_net/Documents/OTAN/Articles%20I%20am%20Writing/Trello/Quarter%20Project.docx>

Use this board and student handout, or create your own.