1. Agenda - [https://goo.gl/fDbOq7](https://goo.gl/fDbOq7)

2. **Survey** - Complete
   a. **Share Results**
   b. **Show Summary of Responses**

3. **Buck Institute of Education**
   a. **What is PBL?**
   b. **Gold Standard PBL: Essential Project Design Elements**
   c. **Project Search**
   d. **Project Planner** - Sign Up for a Free Account

4. Most of the resources being shared have an app or can be accessed via a web browser on any device!

5. **Technology Tools That Can Be Used to Address the Essential 8 Project Design Elements:**
   a. **Key Knowledge, Understanding, and Success Skills** - The project is focused on student learning goals, including standards-based content and skills such as critical thinking/problem solving, collaboration, and self-management.
      i. **Virginia Core** - iPhone
      ii. **Virginia Standards** - Android
      iii. Critical Thinking/Problem Solving
         1. **Google Advanced Search**
         2. **Google Advanced Search Strategies Video**
         3. **Google Scholar** - About
         4. **Wolfram Alpha**
      iv. Collaboration
         1. **Today’s Meet** - Example
            a. [20 useful ways to use TodaysMeet in schools](https://example.com)
         2. **Padlet** - Example
            a. **Educational Ways to Use Padlet**
            b. **Apps**
               i. **Chrome Web Store**
               ii. **Android**
               iii. **iOS**
         3. **Note.ly**
            a. **Features**
            b. **Apps**
               i. **Chrome Web Store**
4. **Google Docs**
   a. Do you have a Google Account?
   b. [How to Share a Google Doc Tutorial](#)
   c. Apps
      i. [Chrome Web Store](#)
      ii. [Android](#)
      iii. [iOS](#)

5. **Choice to create your own Padlet, Today’s Meet, Note.ly and/or share a Google Doc**

   b. **Challenging Problem or Question** - The project is framed by a meaningful problem to solve or a question to answer, at the appropriate level of challenge.
      i. [Help to Define the Driving Question for a PBL Project](#)
         1. Watch Video
         2. [Crafting Questions That Drive Projects](#)
         3. What are some relevant topics today for our students?
         4. If you can keep it local, the better
         5. Work with a partner to come up with two driving questions (do not fill in entry event at this time)
            a. [Example 1](#)
            b. [Example 2](#)
            c. [Driving Question Template](#) (Force Copy Link)
            d. [Driving Question Template](#) (File - Make a Copy)
               i. Share your template with your partner(s) or work together
               ii. Share some questions
         
   ii. **Entry Event**
      1. [Ted Talk](#)
      2. [YouTube](#)
      3. Search [Google Images](#)
         a. Search Tool Button
         b. Usage Rights
      4. Guest speaker
      5. Own Presentation and/or Images
         a. [Best Online Presentation Tools to Attract Your Audience](#)
         b. Don’t get too text heavy
         c. An image is worth a thousand words!
         d. Hit the emotions, leave them wanting more!
         e. [Photofunia](#) - have some fun!
            i. App
               1. [Android](#)
               2. [iOS](#)
               3. Various platforms
      6. Add an entry event to your template for each driving question
c. **Sustained Inquiry** - Students engage in a rigorous, extended process of asking questions, finding resources, and applying information.
   i. [8 Free Mind Map Tools & How to Best Use Them](#)
   ii. [10 Sites for Creating Graphic Organizers](#)
   iii. Print Options - [Worksheet Works, Graphic Organizer Maker](#)
   iv. [Lucidchart - Example](#)
      1. App
         a. [Chrome Web Store](#)
         b. Android ?
         c. [iOS](#)
   v. [Mindmeister - Example](#)
      1. App
         a. [Chrome Web Store](#)
         b. [Android](#)
         c. [iOS](#)
   vi. [Google Drawings - Example](#)
      1. [15 FREE Google Drawings graphic organizers - and how to make your own](#)
   vii. Using any of the tools shared - come up with three more questions that students may inquire about from your driving question.

d. **Authenticity** - The project features real-world context, tasks and tools, quality standards, or impact – or speaks to students’ personal concerns, interests, and issues in their lives.
   i. Shop Local - Eat Local - Be Local - LEARN Local!
   ii. In person is awesome!
   iii. Or use [Google Hangouts, Skype](#)
      1. [How to Start a Hangout](#)
      2. [Do not need a Google Account](#)

e. **Student Voice & Choice** - Students make some decisions about the project, including how they work and what they create.
   i. Brainstorming Tools
      1. Previous Collaboration Tools Work Here Too!
      2. [AnswerGarden - Example](#) (Topics for a Project)
         a. App - [iPad](#)
      3. [Linoit (Lino) - Example](#)
         a. Apps (Lino)
            i. [Chrome Web Store](#)
            ii. [Android](#)
            iii. [iOS](#)
      4. Create your own AnswerGarden and/or Linoit - share with someone
f. **Reflection** - Students and teachers reflect on learning, the effectiveness of their inquiry and project activities, the quality of student work, obstacles and how to overcome them.

ii. Word Clouds are great way to summarize reflections  
1. [200 Ways to Use Word Clouds in the Classroom](#)  
2. [Critical Thinking with Word Clouds](#)  
3. Many of them - [Wordle](#), [Tagxedo](#), [wordclouds.com](#), etc.  
4. [Tagul](#) is my favorite.  
   a. [Example](#)  
   b. [Tutorial Video](#)  
   c. Demo - Gettysburg Address  
   d. Make your own word cloud

**Critique & Revision** - Students give, receive, and use feedback to improve their process and products.

i. Feedback Assessment Tools  
1. [Google Forms](#) - has built in Quiz option!  
   a. [Tutorial for Forms](#)  
   b. [New Google Forms Quiz Feature vs Flubaroo](#)  
2. [Socrative](#) - Teacher, Student, App versions  
3. [Kahoot](#) - Teacher, Student, App - iOS, Android  
4. [Formative](#)  
   a. [Example](#)  
   b. Use this code: **NAYY392**  
      i. Choose option - Continue without logging in  
      ii. Enter First and Last Name - Click on Begin  
5. [Wizer](#)  
6. [Recap](#) - video assessments  
   a. [Quick Start Video](#)  
   b. Apps  
      i. [Android](#)  
      ii. [iOS](#)  
   c. [VSTE 2016 Student Login](#)  
      i. use With Email  
      ii. Sign up using Google + or creating login info  
      iii. Join Pin: **cikjnhi**

h. **Public Product** - Students make their project work public by explaining, displaying and/or presenting it to people beyond the classroom.

i. Animoto  
1. Create Animoto Account - [https://animoto.com/sign_up](https://animoto.com/sign_up)
2. Then apply for Educator account - 
   http://animoto.com/education/classroom

ii. Adobe Spark
   1. 10 Ways to Use Adobe Spark in School
   2. Adobe Spark EDU Guide
   3. Create an Adobe Spark Account
   4. About Post
   5. About Pages
   6. About Video
   7. Create an Adobe Product (or more) using Spark

iii. Apps for Recording and Editing Video
iv. Six Styles of Classroom Video Projects
v. 

6. Other Resources
   a. Using a Project Wall to Support Project
   b. 17 Teacher Tech Tools for High Quality Project-Based Learning
   c. 14 Tech Tools to Enhance Project-Based Learning
   d. Technology, PBL, and Place-Based Education
   e. Project-Based Learning Research Review: Evidence-Based Components of Success
   f. Project-Based Learning in Every Classroom Webinar

7. Questions? -
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