Lesson 46

Planner: **Begin Technology Project**

Objective: I can work collaboratively to explore and create a project about a newer Technology.

Standards:

Creativity and Innovation: Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.

Communication and Collaboration: Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.

Research and Information Fluency: Students apply digital tools to gather, evaluate, and use information

Questions: What are some recent developments in Technology? How does technology impact and change our lives?

WARM UP

KEYBOARD: 5 MINUTES

ACTIVITY 1

10 minutes

Partner Assignments

Review the ideas you and your table partner considered during the last class.

Open Edmodo

Find the small group number to which you have been assigned

Open the group

Discuss ideas for your project. Decide on a topic

YOU CANNOT LEAVE YOUR SEAT: COMMUNICATE ONLY WITH EDMODO.

Remember: Thoughtful, considerate posts

ACTIVITY 2

GROUP SUBMISSIONS

edmodo

Decide on One Technology your group would like to research.

Select a representative from your group to discuss your group's research ideas with the teacher and receive approval to continue with the project

ACTIVITY 3:
TEAM CAPTAINS (assigned by teacher)

A copy of this table can be downloaded here for you to use.
Each team must complete and submit a Research Document.

1. **Open the Research Document (In Word) from the website.**
2. **Save the Document to One Drive as:**
   Cl(2).(team number).techresearch
3. **Close the document**
4. **Open the document in Word Online**
5. **Share the Document with the members of your team AND to the OneDrive Class folder.**

**All Team members should now be able to open the document and edit it in Word on Line.

JOURNAL E

In a complete paragraph, explain how your group cooperated using Edmodo to decide on a topic for research and a group name. Do you feel your group is off to a good start? Explain. At this point, what do you think you can do to be a better group member?

Lesson 47

Planner: Group Technology Project

Objective: I can work collaboratively to explore and create a project about a recent Technology.

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Questions: What are some recent developments in Technology?

How does technology impact and change our lives?

Warm up: Keyboard 5 minutes

ACTIVITY 1

As a class, read and review the Task and

Process

Process for the Webquest

Task

You will only complete PART I:
Your grade will be based on a
Completed Research Document

ACTIVITY 2

Each Team will complete and submit One (Shared) Document!

The Final Document will be submitted to Edmodo by the Team Captain

**Disagreement with a Team Member's entry does not give you the right to delete.

Use the comments to discuss

Activity 3

Choose a team member: Complete the Information in the top row of the Table.

Remember to check as you work!

Research Information Table

Team Members:	Category Assigned	Technology Researched

What We Already Know:
1.
2.
3.
4.
5.

PUT YOUR NAMES FIRST

ACTIVITY 4:   10 minutes

- **Work on your own document**

  Complete "What We Already Know"

- **Think of at least 5 things you might already know about the technology:**
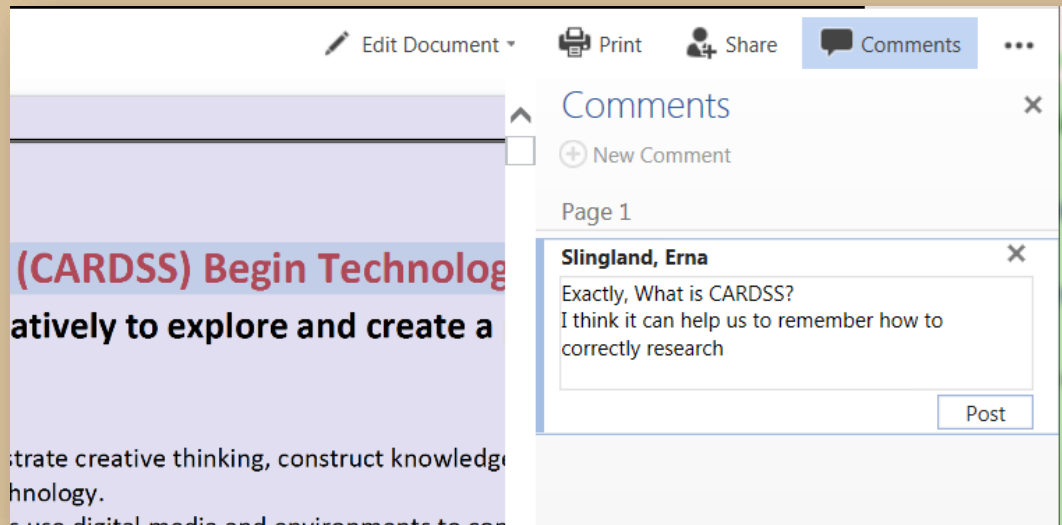
This could be anything from knowing the color, use, or size of the technology to as detailed as its internal workings

Research Information Table

Team Members:	Category Assigned	Technology Researched

What We Already Know:
1.
2.
3.
4.
5.

No Internet for research today:
STAY ON ONE DRIVE: WORD ONLINE

ACTIVITY 5:

POST NOTES TO YOUR GROUP:
Use the comments in *One Drive*

Edit Document ▾   🖶 Print   👤 Share   💬 Comments   ...

Comments   ✕

⊕ New Comment

Page 1

Slingland, Erna   ✕
Exactly, What is CARDSS?
I think it can help us to remember how to correctly research

Post

(CARDSS) Begin Technolog
atively to explore and create a
strate creative thinking, construct knowledge
hnology.

USE COMMENTS TO EDIT YOUR TEAM'S DOCUMENT:
(8-10 items should be in "What We Already Know")

Research Information Table

Team Members:	Category Assigned	Technology Researched

What We Already Know:
1.
2.
3.
4.
5.

8-10 ITEMS
Use complete sentences!

ACTIVITY 6

What do you want to know/learn?

What We Want To Know (Questions)
1.
2.
3.
4.
5.
6.
7.
8.
9.
10.

Individually, create **questions** about what you want to know/learn about the chosen technology.

Team:

Collaborate with Word On-line and comments to edit the questions:

10 questions are required!

Journal E

Write your thoughts:

How well are the members of your group working digitally using One Drive?

Explain how you used One Drive to add items to the "What we already know" and "What we want to know" lists.

Lesson 48

Planner: Group Technology Project

Objective: I can work collaboratively to explore and create a project about a recent Technology.

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Research and Information Fluency: Students apply digital tools to gather, evaluate, and use information

Questions: What are some recent developments in Technology? How does technology impact and change our lives?

Keyboard: 10 minutes

ACTIVITY 1
5-10 Minutes
Open your Team's Shared Research Document.
Remember to choose "Edit Online"

Review your work from the last 2 classes.

Be certain the following is complete:

Research Document

1. Information in the top row
2. What We Know (8-10 items)
3. What we want to know
(at least 10 questions/ thoughts)

Technology Research Document

Team Member	Category Assigned	Technology Researched
1		

What We Already Know:
1.
2. 2
3.
4.
5.

What We Want To Know (Questions)
1.
2.
3.
4.
5.
6.
7. 3
8.
9.
10.

ACTIVITY 2   Research Time!

OPEN EDMODO: Go to your group

Use Edmodo: decide how your team will research the technology you have chosen and share the information digitally using the Research Document.

(Hint: links, upload images and information, etc. You can do it!)

Use the Research Document to Record your findings.

Links to Web sites	Images/Quotes/etc. from the sites

Remember to:

o **Include all web sites and their links**

o **Key in information you found that is worth sharing with your team and the class**

o **Image capture and link any items that you think will help with your presentation to the class.**

Activity 3: Wrap up

In your Edmodo Research group, write a note to your partners.

How well do you think your group is doing on the project so far? Give suggestions for improvement. Remember to think and write in a positive and helpful manner. Use complete sentences.

(Your progress is being monitored.)

Lesson 49

Planner: Group Technology Project

Objective: I can work collaboratively to explore and create a project about a recent Technology.

Standards:

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Communication and Collaboration: Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.

Research and Information Fluency: Students apply digital tools to gather, evaluate, and use information

Questions: What are some recent developments in Technology?
How does technology impact and change our lives?

Keyboard: 10 minutes

Activity 1

Continue with your Technology Research

Remember to:

- Include all web sites and their links
- Key in information you found that is worth sharing with your team and the class
- Image capture and link any items that you think will help with your presentation to the class.

❖ Check the Research Rubric

ACTIVITY 2

Complete:

"What We Learned"

Section of your Research Document.

Use this section to answer some of the questions posed by your team in "What We Want to Learn"?

❖ **Use One Drive Comments**

❖ **Share ideas**

❖ **You must have at least 10 items on the list**

LIST THE ITEMS USING COMPLETE SENTENCES!

ACTIVITY 3

BRAINSTORM IDEAS FOR FUTURE POSSIBILITES

Use the following from the *Conclusion* section of the project to complete the Future possibilities section of your Research:

Remember, the Explore 230 Division of Patriot Pioneers has a mandate to research current technologies and suggest ideas for the development of future technologies.

Based on the technologies you have studied and the collaborative discussions you have had with your peers, brainstorm creative ideas for new technologies in the category you researched.

Be creative: What could you recommend to the Board of Directors as a possible product for the company to develop? How would it benefit others? What might it cost to develop and market?

Include details and your reasoning.   Be persuasive: sell your idea!

Lesson 50

Planner: Group Technology Project

Objective: I can work collaboratively to explore and create a project about a recent Technology.

Standards: mk

Creativity and Innovation: Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.

Communication and Collaboration: Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.

Research and Information Fluency: Students apply digital tools to gather, evaluate, and use information

Questions: What are some recent developments in Technology?
How does technology impact and change our lives?

Keyboard: 5 minutes

Activity 1: Review Schedule for final 2 weeks

Activity 2: 10 minutes

Check to be certain your Team Research is completed and ready to submit for a grade.

TEAM:

REVIEW THE ENTIRE RESEARCH DOCUMENT.

REMEMBER TO CHECK THE RUBRIC

EDIT ITEMS, IF NECESSARY

TEAM CAPTAIN:

- **SUBMIT THE COMPLETED RESEARCH DOCUMENT TO THE ASSIGNMENT IN EDMODO.**

- **INCLUDE THE NAMES OF YOUR TEAM MEMBERS IN THE COMMENTS.**

JOURNAL E

<mark>**ENTRY 32/MY CONTRIBUTIONS/DATE**</mark>

In a complete paragraph, evaluate your contributions to your team's research. Use examples and details!

Rate yourself from 1(worst) to 5(best). Explain what you did to help your team complete the project.

CHECK YOUR JOURNAL FOR COMPLETED ENTRIES.
SUBMIT YOUR JOURNAL E TO THE ASSIGNMENT IN EDMODO.

edmodo