21 CE Artifacts – Creating the School of Your Dreams!

**Teacher:** Caroline Caldwell, Trevor Edgar, Ellyse Theede

**Subject:** Problem Based Learning

**Grade:** 7

**Goals:**

Work collaboratively and think critically about the best learning environment that would work for them.

**Summary:**In partners, students researched schools and critically decided how they learn best and designed a school to meet their needs.

**Lesson Plan:**

**Creating the School of Your Dreams!**

**Introduction:**

The Saskatchewan Government has pledged to build 18 new schools in Saskatchewan. You have been selected to be a part of the design process for one of these schools. You must consider that everyone learns differently and has their own opinion on what the best parts of the school are. Your task is to come up with a proposal for the design team of a school that meets your needs and would allow you to learn to your full potential. Your school must still fulfill the requirements for a proper education to take place. You have an unlimited budget. What would you include in your school?

Everyone learns differently and has their own opinion on what the best parts of the school are. Your task is to design a school that meets your needs and would allow you to learn to your full potential. You have an unlimited budget. What would you include in your school?

Introduce different types of schools:

-Ship Schools

<http://www.classafloat.com/>

Outdoor Education in Saskatoon

Green School in Bali

http://www.greenschool.org/

**Task #1**

What are your favorite parts of school?

What are the best classroom environments to learn in?

How do you learn best?

What types of classes would you involve?

Think of physical settings, extracurricular activities.

**Task #2**

**Skype with Amy**

Research different forms of schools.

-Warman

[http://www.thestarphoenix.com/news/Warman+middle+years+children+digs/8866717/story.html](https://mail1.sunwestsd.ca/owa/redir.aspx?C=6f91dd219d9e4af18411986d40f636cb&URL=http%3a%2f%2fwww.thestarphoenix.com%2fnews%2fWarman%2bmiddle%2byears%2bchildren%2bdigs%2f8866717%2fstory.html)

-Regina Open concept schools

<http://www.cjme.com/story/redesigning-education-regina-how-does-school-future-really-work/132948>

-New schools in Saskatoon

-OES

<http://www.rbe.sk.ca/blog/2012/12/student-life-takes-place-right-front-our-eyes>

-Notre Dame

<http://www.notredame.sk.ca/_docs/academics/nd_tech.pdf>

-Bosco Farm School

Make some jot notes about the research you’ve done about the different forms of schools.

Make organizer

**Task #3**

Looking at other schools that you researched what types of things would you and in your “Ideal School”

**Task #4**

Design your “Ideal School” that would best suit your learning needs.

**Task #5**

Create a presentation of your Ideal School

**Task #6**

Present your “Ideal School”

**Task #7**

Decide as a group which school you would want to attend out of all your classmate’s options. Give supporting reasons why you would want to attend that school.

**Task #8**

The Winning School presents to Superintendent and the rest of the class must support them in this project.

**Outlines for each Task:**

**Task #1**

In order to design a school that best meets your needs you must consider the following:

* What are your favorite parts of school?
* What are the best classroom environments to learn in?
* How do you learn best?
* What types of classes would you involve?
* Think of physical settings, extracurricular activities.

Discuss these questions in your group. Your group facilitator will lead the discussion, while the recorder must write down what you have discussed.

**7 PBL Task #2**

Research these alternative school settings **and any other school settings** you may know of or be interested in.

Warman Community Middle School

<http://www.thestarphoenix.com/news/Warman+middle+years+children+digs/8866717/story.html>

Regina Open concept schools

<http://www.cjme.com/story/redesigning-education-regina-how-does-school-future-really-work/132948>

Regina Campus School

<http://www.rbe.sk.ca/blog/2012/12/student-life-takes-place-right-front-our-eyes>

Notre Dame

<http://www.notredame.sk.ca/_docs/academics/nd_tech.pdf>

Eco Quest

<http://www.ecoquest.ca/>

Let’s Lead

<http://www.spsd.sk.ca/Schools/elementaryprograms/nikanetan/Documents/Nikanetan.pdf>

Science Trek

<http://www.sciencetrek.ca/>

The facilitator will have to divide these different websites up. Each member will be responsible for recording their own ideas based on these websites (using the Task #2 organizer). The recorder will compile all the results into one document.

**Task #2 - Outline**

|  |  |  |
| --- | --- | --- |
| **School Name** | **What makes this school different?** | **What are the benefits to this type of school? (learning and other benefits)** |
| 1. |  |  |
| 2. |  |  |
| 3. |  |  |
| 4. |  |  |
| 5. |  |  |
| 6. |  |  |
| 7. |  |  |
| 8. |  |  |
| 9. |  |  |
| 10. |  |  |

**Task #3**

Looking at other schools that you researched what types of things would you include and in your “Ideal School”. Remember it must still fulfill the educational needs. You must include reasons as to why you decided to include the different parts of your school.

**Project Group Contract**

Project:

Member of Group:

**Our Agreement**

* We all promise to listen to each other’s ideas with respect
* We all promise to do our assignment work to the best of our ability
* We all promise to turn in our work on or before due dates
* We all promise to ask for help if we need it
* We all promise to share responsibility for our success and for our mistakes
* We all promise to turn in work that is our own
* We all promise to practice and implement the 7 C’s of group work

If someone in our group breaks one or more of our rules, the group has the right to call a meeting and ask the person to follow the rules. If the person still breaks one or more of our rules, we have the right to approach a teacher about the behavior and a parent meeting will be set up at this point to create a behavior improvement plan.

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Group member signatures:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Team Member Expectations**

**Compromise** – at times you might not get your way, so you need to know when to give in

**Cooperates** – group members are expected to work with the group, not put up on roadblocks that will keep things from happening

**Collaborate** – work with your group members to come to an agreement

**Commit** – put all your effort into this project and do all your work

**Communicate** – speak up within the group and be willing to share your ideas

**Consideration** – be considerate of others’ feelings, you can dislike an idea but don’t make it personal

**Coexist** – get along with one another and ask a teacher or advisor for help if needed

**Project Management Log: Group Jobs**

|  |  |
| --- | --- |
| Project Name: |  |
| Members of Group: |  |

|  |  |  |
| --- | --- | --- |
| **Job** | **Who is Responsible** | **Completed** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**JOBS for Round Table Discussion**

At the end of each class you will be having a round table discussion with your team members to discuss the progression of your project. One person in your team will be the **Team Facilitator,** and one person will be the **Recorder.**

**Duties of each Job**

1. **Team Facilitator:** this person will make sure that everyone on the team gets a chance to talk during the round table discussion. He or she will make sure everyone’s ideas are heard and respected and that all topics that need to be discussed are done so during this time

**Example:** “There are the topics and questions that we need to discuss today. What are your thoughts on this?”

1. **Recorder:** this person writes down the ideas that are talked about during the round table discussion. He or she will make sure all of the answers are written down before the class ends. This person should also be participating in the discussion, but it not responsible for coming up with all the answers. He or she simply is responsible for making sure it is down on paper.

**Example:** “Ok our thoughts and answers are written down for question 1. I can start writing down our thoughts and answers for question 2.”

**Project Check List**

|  |  |
| --- | --- |
| Project Name: |  |
| Members of Group: |  |

|  |  |  |
| --- | --- | --- |
| **Milestone** | **Date** | **Completed** |
| **Task 1** |  |  |
| Round Table Discussion |  |  |
| Self and Peer Reflection |  |  |
| **Task 2** |  |  |
| Round Table Discussion |  |  |
| Self and Peer Reflection |  |  |
| **Task 3** |  |  |
| Round Table Discussion |  |  |
| Self and Peer Reflection |  |  |
| **Task 4** |  |  |
| Round Table Discussion |  |  |
| Self and Peer Reflection |  |  |
| **Task 5** |  |  |
| Round Table Discussion |  |  |
| Self and Peer Reflection |  |  |
| **Task 6** |  |  |
| Round Table Discussion |  |  |
| Self and Peer Reflection |  |  |
| **Task 7** |  |  |
| Round Table Discussion |  |  |
| Self and Peer Reflection |  |  |

**Project Management Log: Group Tasks**

|  |  |
| --- | --- |
| Project Name: |  |
| Members of Group: |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Who is Responsible** | **Due Date** | **Status** | **Done** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Project Work Report: Group**

|  |  |
| --- | --- |
| **Project Name:** |  |
| **For the Time Period:** |  |
| **Members of Group:** | Team Facilitator:  Recorder:  Other Members: |

|  |  |
| --- | --- |
| **Task #** |  |
| **During this time period we had the following goals for project work:** |  |
|  |
|  |
|  |
|  |
| **During this time period we accomplished…** |  |
|  |
|  |
|  |
|  |
| **Our next steps are…** |  |
|  |
|  |
|  |
|  |
| **Our most important concerns, problems or questions are…** |  |
|  |
|  |
|  |
|  |

**Self Assessment**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Criteria** | **5** | **4** | **3** | **2** |
| **Responsibility for**  **Oneself** | **In addition to Level 4:**  I do more than what I have to do  I ask for additional feedback to improve my work, beyond what everyone has been given | I am prepared and ready to work with my team  I use communicate with my team  I do what I am supposed to do without having to be reminded  I complete tasks on time  I use feedback from others to improve my work | I am sometimes prepared and ready to work with the team  I do some project tasks, but need to be reminded  I complete some tasks on time  I sometimes uses feedback from others | I am rarely prepared and rarely work with the team  I do few projects tasks  I rarely complete tasks on time  I rarely use feedback from others to improve work |
| **Helping the Team** | In addition to Level 4:  I step in to help the team when another member is absent or having difficulties  I encourage others to share ideas , help to make them clear, and connects them to the team’s work | I help the team solve problems ,manage conflicts, and stay focused and organized  I share ideas that help the team improve its work  I gives useful feedback to team so we can improve | I cooperate with my team but I do not actively help it  I make some effort to share ideas with the team  I sometimes give useful feedback to others  I sometimes offer to help others | I rarely helps my team; may cause distraction  I rarely shares ideas with others on the team  I rarely give useful feedback  I rarely help others |

|  |  |  |
| --- | --- | --- |
| **DATE** | **Score** | **Evidence** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Peer Assessment of Group

Student Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Groups Members:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Level 5 Level 4 Level 3 Level 2 Feedback**  Exemplary Proficient Acceptable Getting There | | | | | |
| Group members facilitate each other's participation. |  |  |  |  |  |
| All group members participate in project work. |  |  |  |  |  |
| Work is distributed and completed. |  |  |  |  |  |
| Group coordinates well with other groups. |  |  |  |  |  |
| **Group uses member's strengths effectively.** |  |  |  |  |  |
| **Group members resolve conflicts successfully.** |  |  |  |  |  |

**Peer Assessment**

Name­­­­­­­­­:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Group Members** | **Prepared and ready to work with the team** | **Can communicate with team members** | **Complete tasks on time** | **Uses feedback from others to improve** | **Feedback** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**Scoring Key:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Level 5** | **Level 4** | **Level 3** | **Level 2** | **Level 1** |
| Exemplary | Proficient | Acceptable | Getting There | No evidence |

**Reflection:**

**Positive**

Students came up with great school designs and neat ideas to bring to their school that others had not even thought of.

**Roadblocks**

Internet working in our school

Behaviors

Students working well in groups