

Grade Cluster - PreK-2

Start Date of Implementation: March 2, 2016

Quick Look:

Students will create a vehicle out of recycled materials. They will take a picture using an Ipad and narrate a story about that vehicle. This will be done with two specific apps. The apps are Pic Collage Kids and Book Creator. Additionally, the book that is made in Book Creator can then be uploaded as a video to be shared with family, friends and peers located worldwide.

Scenario:

The teacher explains to the class that they are going to be creating vehicles out of recycled materials. When the vehicle is finished, they will take a picture using the ipad. She then explains that they will be telling a story about how their vehicle works or about an adventure it has and creating a digital class book. We can then share the book with our families and friends.

Before the students start building their vehicles they will have the opportunity to explore resources, nonfiction and fiction to gather ideas about that type of vehicle they want to make. As a class, we will work together to generate a list of different types of vehicles using both words and pictures.

The students will decide on what type of vehicle they want to create and begin using the recycled materials to build and construct. The students will create the vehicles over several days. Day one- building the body, day 2- enhancing the body with accessories, day 3- painting the vehicle, day 4- adding embellishments.

Next, the students will take a picture using the ipad and use the app Pic Collage to enhance the image. This will be done on an individual basis with support from the the teacher or classroom assistant. The images will then be uploaded to book creator where each student will have their own page. On that page they will record what type of vehicle they created as well as information or a story about that vehicle.

Once all the pages are complete, the book will be done! I will then inform parents via our weekly newsletter as well as at parent drop off/pick up about our exciting new book and allow them to share their email so I can send it to them.

Promo Video

<https://drive.google.com/open?id=0B-bl-LSRVaSfTTN1akgtNGtwcWM>

Our Ebook We Created

<https://drive.google.com/open?id=0B-bl-LSRVaSfNDR4RDBTN3Fmeig>

Student Standards – The following NETS-S are noted in the Scenario:

1. Creativity and Innovation –B
2. Communication and Collaboration –D
3. Digital Citizenship-B
4. Technology and Operations- B

Teacher Standards – Teachers who teach this unit address the following NETS-T:

1. Facilitate and Inspire Student Learning and Creativity- A
2. Design and Develop Digital-Age Learning Experiences and Assessments- A, C
3. Model Digital-Age Work and Learning – B
4. Promote and Model Digital Citizenship and Responsibility – B

Content Grade Expectations

Vermont Early Learning Standards

LANGUAGE DEVELOPMENT

Element 2: Expressive Language (Speaking)

Goal 1: Young children use increasingly complex vocabulary and grammar to express their thoughts, feelings, and ideas.

CREATIVE ARTS AND EXPRESSION

Element 1: Visual Art

Goal 1: Children create art using a variety of tools and art media to express their ideas, feelings, creativity; and develop appreciation of the art created by others.

SCIENCE

Element 4: Engineering Design

Goal 1: Children design, experiment, construct, alter, and problem solve to modify the natural world and meet their needs and wants.

Reflection:

Over the past few weeks I have worked on implementing my scenario. It is been quite the learning experience. I was using two programs with my students for the first time. I had to take time to familiarize myself with the program first before guiding my students to use them. It was amazing to see how fast they were able to learn the steps of adding images and creating their pictures. I did have them create their picture and add it to our ebook in the same sitting which was time consuming but the children were focused and wanted to keep going until it was

complete. I feel that their favorite part was hearing their voices and seeing their images compiled with their classmate's. I did not get a chance to finish working with all my students but I am excited to continue next week with the remaining children. Once it is all complete, the children will get to work with their families to decide who our book should be shared with and at that time it will be shared globally!