
ICT Integration

1st Grade

McGraw
Elementary,
Fort Collins, CO
USA





Transdisciplinary Theme: How we express ourselves

Central Idea: People recognize personal and cultural events through celebrations.

Lines of Inquiry:

1. What and why people celebrate.
2. Ways people celebrate.
3. Similarities and differences of celebrations.

Learning engagements	PSD technology standard/s	ICT skills (PSD Technology Operations and Concepts)	Applications and devices	PYP transdisciplinary and ICT skills
Investigate various celebrations to discover the reason for each celebration and how it is celebrated.	Research and information fluency	<ul style="list-style-type: none"> • Navigate to shared bookmarks on the McGraw website • Use table of contents and search function to navigate online encyclopedia • Copy (Ctrl. + C) and paste (Ctrl. + V) text into ReadPlease • Use headphones and computer volume control to listen to narration 	Worldbook Online ReadPlease Mouse and Keyboard Headphones	+ Investigating + Acquisition of knowledge + Comprehension + Listening + Reading + Collecting data
Use Venn Diagram or T-chart to describe/illustrate similarities and differences of celebrations.	Research and information fluency Critical Thinking, problem solving and decision making Communication and collaboration	<ul style="list-style-type: none"> • Insert stickers and pictures into an electronic Venn Diagram or T-chart • Type information and edit information in a text box • Create, edit, delete voice recordings • Use headphones and computer volume control to listen to voice recordings • Save to and open from folder on the server 	Pixie or Inspiration Mouse and keyboard Headphones and microphone	+ Communicating + Comprehension + Analysis + Speaking + Listening + Presenting + Organizing data



Transdisciplinary Theme: How we organize ourselves

Central Idea: Methods and systems develop to provide goods and services for people.

Lines of Inquiry:

1. Needs versus wants
2. How goods and services are moved from one place to another
3. Producing and providing goods and services

Learning engagements	PSD technology standard/s	ICT skills (PSD Technology Operations and Concepts)	Applications and devices	PYP transdisciplinary and ICT skills
Create collage illustrating difference between student wants versus needs.	Creativity and innovation	<ul style="list-style-type: none"> • Use painting, drawing and shapes tools • Type into a text box • Delete, edit, move and resize typing, text boxes, pictures, stickers and drawings • Save to and open from folder on the server 	Pixie Mouse and keyboard	+ Creating + Organizing + Analysis + Presenting
Research production and transportation of goods using online videos and online encyclopedia	Research and information fluency	<ul style="list-style-type: none"> • Use headphones and computer volume control to listen to voice recordings and videos • Navigate to and open shared folder on the server • Open, play, pause and stop digital videos in media player • Navigate to shared bookmarks on the McGraw website • Use table of contents and search function to navigate online encyclopedia • Copy (Ctrl. + C) and paste (Ctrl. + V) text into ReadPlease 	Discovery Education Video Windows Media Player or Real Player Worldbook Online Mouse and Keyboard Microphone and headphones	+ Investigating + Collecting data + Recording data + Listening + Reading + Viewing + Acquisition of knowledge + Comprehension

Create an animation or booklet that describes and illustrates the production and transportation of a good from “field to table (home)”	<p>Research and information fluency</p> <p>Creativity and innovation</p> <p>Communication and collaboration</p>	<ul style="list-style-type: none"> • Navigate a template created in PowerPoint • Type into a text box • Delete, edit, move and resize typing, text boxes, stickers and pictures • Reorganize, copy and delete frames in an animation • Insert pictures from a file on the server • Save to and open from folder on the server 	<p>Frames or PowerPoint</p> <p>Mouse and Keyboard</p>	<ul style="list-style-type: none"> + Investigating + Creating + Communicating + Organizing + Comprehension + Synthesis + Writing + Presenting



Transdisciplinary Theme: Where we are in place and time

Central Idea: Individuals have made a difference in the lives of others throughout time.

Lines of Inquiry:

1. People all over the world who are inspirational
2. Actions that inspire
3. Ways people change after inspiration

Learning engagements	PSD technology standard/s	ICT skills (PSD Technology Operations and Concepts)	Applications and devices	PYP transdisciplinary and ICT skills
<p>Create a narrated slideshow, with photos and artwork, that describes people who have been inspirational to students and others in the world</p>	<p>Creativity and animation</p> <p>Research and information fluency</p> <p>Communication and collaboration</p>	<ul style="list-style-type: none"> • Navigate to shared bookmarks on the McGraw website • Use table of contents and search function to navigate online encyclopedia • Copy (Ctrl. + C) and paste (Ctrl. + V) text into ReadPlease • Use headphones and computer volume control to listen to narration • Create, edit, delete voice recordings • Download, copy, paste photos into folder on the server • Upload drawings and photos to slideshow • Use painting, drawing and shapes tools • Type into a text box • Delete, edit, move and resize typing, text boxes, pictures, stickers and drawings • Save to and open from folder on the server 	<p>Pixie or Paint</p> <p>PowerPoint or Photostory</p> <p>Mouse and keyboard</p> <p>Microphone and headphones</p> <p>Worldbook Online</p> <p>ReadPlease</p>	<ul style="list-style-type: none"> + Investigating + Creating + Communicating + Organizing + Comprehension + Application + Reading + Writing + Speaking + Listening + Presenting + Organization

		•Export slideshow to movie (.wmv or mp4) format		