TPSP for Beginners
Texas Performance Standards Project
Presenter: Deniece Frideley
Today’s Objectives

➔ Look at 3 TPSP Tasks & 1 Non TPSP Project from Planning to Presentation
➔ Look at Real Life Examples
➔ Helpful Resources
➔ (K-1) A Worm’s Eye View
➔ (2-3) Amazing Animal Adaptations
➔ (4-5) From Surviving to Thriving on Mars
➔ (3-5) Caine’s Arcade
The State Plan

The state's goal for G/T students is to ensure that those students who participate in G/T services demonstrate skills in self-directed learning, thinking, research, and communication. G/T students develop innovative products and sophisticated performances that reflect individuality and creativity and are targeted to an audience outside the classroom.
My Planning Madness Method!
Description of Unit

In this task, students will integrate science, fine arts, and English language arts by creating an accordion book that they will use to reflect their study of soils. The accordion book will be used to house soil samples and record observations. Students will also learn to paint with soil by using various soils as media. Students will create their own vermicomposting bin and watch their
### Vocabulary

<table>
<thead>
<tr>
<th>Know</th>
<th>Want to Know</th>
<th>Learned</th>
</tr>
</thead>
<tbody>
<tr>
<td>worms</td>
<td>How is composting about earthworms?</td>
<td>we can recycle plants &amp; earthworms are decomposers</td>
</tr>
<tr>
<td>nature</td>
<td>Is composting about heat?</td>
<td>composting helps worms</td>
</tr>
<tr>
<td>dirt/soil</td>
<td>What is composting?</td>
<td>helps to provide oxygen</td>
</tr>
<tr>
<td>heat</td>
<td></td>
<td>* worms help make soil</td>
</tr>
<tr>
<td>sun</td>
<td></td>
<td>food scraps and decomposers to make soil</td>
</tr>
</tbody>
</table>

**COMPOSTING**
A Worm's Eye View
Edible Layers of Soil
Layers of Soil

Top Soil
Sub Soil
Bebolock
I don’t give grades but I hold my students accountable.
My Senses Soil Flip Book
What I feel
Soft
Wet
Sticky

What I see

What I smell
Outside
Franch

What I see
Brown dirt
Gas
Use Graphic Organizers
<table>
<thead>
<tr>
<th>Worms have</th>
<th>Worms are decomposers of the dirt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>eat dead plants and animals make soil</td>
<td>Worms have little hairs on their body.</td>
</tr>
<tr>
<td>Worms can eat dirt</td>
<td>Worms are helpful to plants.</td>
</tr>
</tbody>
</table>

Worms have

- little hairs on their body to help them move.
- muscles
- segments

Worms are decomposers of different colors.
Would a worm make a good pet?

Worm Writing from IPT
$2.00
MARS
Description of Unit

In this task, students will analyze Maslow’s hierarchy of needs and make observations on whether these areas are fulfilled in their own lives. Students will then research (through the use of provided links and independent exploration) the planned colonization of Mars by the Mars One project and other prospective missions. They should make careful observations of
COOL SPACE FACTS

- THE SUN MAKES UP 99.86% OF THE SOLAR SYSTEMS MASS
- MERCURY IS NAMED AFTER THE ROMAN MESSENGER TO THE GODS
- VENUS SPINS IN THE OPPOSITE DIRECTION TO MOST PLANETS
- THE EARTH IS 149,598,262 KM FROM THE SUN
- MARS IS HOME TO MARS THE SOLAR SYSTEMS TALLEST VOLCANO
- JUPITER IS LARGE ENOUGH FOR THE EARTH TO FIT INSIDE 1,000 TIMES
- SATURN HAS THE SECOND LARGEST MOON IN THE SOLAR SYSTEM, TITAN
- URANUS IS COLDEST PLANET IN THE SOLAR SYSTEM
- NEPTUNE ORBITS THE SUN ONCE EVERY 165 YEARS
Maslow's Hierarchy
I am not Google
MARS Research Choice Assignment:
Use the websites provided on Google Classroom to do your own research on Mars. Choose a graphic organizer to make and be prepared to present in 70 minutes.

<table>
<thead>
<tr>
<th>Top 10 List: Create a Top 10 List of the most interesting facts about Mars. Your paper should be vertical. Begin with #1 (least interesting) and end with #10 (most interesting). Remember to create a outstanding heading.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bubble Map: Create a Bubble Map that has at least 6 legs. The middle bubble should be a unique heading (not MARS FACTS). You must include facts that most students wouldn’t already know.</td>
</tr>
<tr>
<td>Venn Diagram: Create a Venn Diagram that compares and contrasts Earth to Mars. All 3 columns need a minimum of 4 facts. Each circle should be colored to represent the planet.</td>
</tr>
<tr>
<td>4-Square Create a 4-Square that has at least 4 interesting facts about Mars. Include an illustration in each square. The title belongs in the middle.</td>
</tr>
</tbody>
</table>
**MARS**

1. **Mars is named after a mythological God of War.**
2. **Pieces of Mars have been found on Earth.**
3. **The tallest mountain known in the solar system is on Mars.**
4. **Only 16 of Mars missions have been successful.**
Newsletters

The Red Planet
Armani E., Belltime Elementary April 2019

My Day on Mars
When I landed on Mars I would see rocky land and it is going to be very mountainous. It is also going to be cold because the atmosphere on Mars is cold and thin. If I poured water out by time it hit the ground it would be frozen. If I was on Mars I would be surprised and I would probably even post a picture of what I see on Mars if my cellular data is working. I would wear layers of clothes. The landscape of Mars is very rocky and has a lot of mountains. The End...

Did You Know?
Only 16 of the 39 Mars missions have been successful.

Facts about Mars:
- One day Mars will have a ring around it.
- Mars has the tallest mountain in the solar system.
- Mars was once believed to be home to the intelligent life.

Living on Mars
McKenzie M., Houston Elementary April 2019

Our Life on Mars
When we landed on Mars, I was so surprised at all the people beside my family. The people there where so nice they offered us jackets because it was cold. They also gave us a home and oxygen. We already had a food making setup we just had to put in ice for it to work. Two years have passed and I have two nieces, Izzy and Bella. My brother and I built a school for the kids. 15 years have passed, more people have come and our population is over 1,000 people. We have successfully made a community on mars! Izzy made 2 showers for all the people to clean themselves. Bella is making clothes from vines we grew. We now are clean and have lots of clothing. My mother made a phone to communicate with Earth.

Did You Know?
Mars doesn't have a magnetic field like Earth?

Facts about Mars:
- Mars was once believed to be home to intelligent life.
- The tallest mountain in the solar system is on Mars.
- Mars has seasons like earth but are twice as long.
Amazing Animal Adaptations

Grade 2, Science

Spanish

Worksheets

Print Task
Show, Don’t Tell!

Video of Wax Museum
Your favorite ocean or water animal.

Your Name Here

Your favorite farm animal.

Your favorite zoo animal.

Your favorite animal that doesn’t walk.
Paid and Free Graphic Organizers

Animal Research Project & Wax Museum

Subject
English Language Arts, Writing-Expository, Science

Grade Levels
Kindergarten, 1st, 2nd, 3rd, 4th

Resource Type
Projects, Activities, Fun Stuff

Product Rating
5.0 (1,483 Ratings)

File Type
PDF (Acrobat) Document File

Size
19 MB | 126 pages

Price
$10.00
Digital Download

Buy additional licenses

Animal Report Outline
Multiple Paragraph Writing Outline
for Grades 3-5

More products from Creekside Teacher Tales
Let’s Look at Real Life Examples
Working on Project Based Learning when the Internet Goes Down!
Field Trip!
WELCOME TO EA'S ANIMAL WAX MUSEUM
Hello 2nd/3rd Grade EA Parents,

Your child has been working hard all semester to complete their Animal Research Project. The time has come to showcase all their hard work and effort. **Every 2nd and 3rd Grade EA Student will participate in the Animal Wax Museum on Thursday, January 17th from 6:00 p.m. - 7:00 p.m. at XYZ School.**

Animal Costume: ________________________________________

_____________ Final Score

<table>
<thead>
<tr>
<th></th>
<th>3</th>
<th>2</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Research/Facts</strong></td>
<td>4 unique facts are recorded from multiple sources</td>
<td>3 facts are recorded from 1 source</td>
<td>2 facts or less are recorded</td>
</tr>
<tr>
<td><strong>Graphic Organizers</strong></td>
<td>4 Graphic Organizers Completed Neatly with Accurate Information</td>
<td>3 Graphic Organizers Mostly Complete</td>
<td>2 or Fewer Incomplete Graphic Organizers</td>
</tr>
<tr>
<td><strong>Costume</strong></td>
<td>Includes a mask; Is kid and parent created; showcases 1 adaptation.</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Caine’s Arcade
Grades 3-5
Inspiration
Brainstorm Bubble Maps: Things we know about games.

Student Generated Graphs based on a Tally Chart
“What is your favorite arcade game?”
Students must produce step-by-step instructions (procedural writing).
ARCADE DAY!
You score your own game!

<table>
<thead>
<tr>
<th>Score 1</th>
<th>Score 2</th>
<th>Score 3</th>
<th>Score 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Our Game Has...</strong></td>
<td><strong>Our Game Has...</strong></td>
<td><strong>Our Game Has...</strong></td>
<td><strong>Our Game Has...</strong></td>
</tr>
<tr>
<td>No name</td>
<td>A name that is hard to read</td>
<td>A name that people can see</td>
<td>A creative name that people can see</td>
</tr>
<tr>
<td>Confusing or no instructions how to play your game</td>
<td>Confusing instructions how to play your game</td>
<td>Instructions how to play your game</td>
<td>Instructions (steps) how to play the game</td>
</tr>
<tr>
<td>Some or no rules for playing</td>
<td>Some rules for playing</td>
<td>Rules for playing</td>
<td>Written rules for playing</td>
</tr>
<tr>
<td>No blueprint</td>
<td>A blueprint</td>
<td>A blueprint</td>
<td>A blueprint</td>
</tr>
<tr>
<td>No tickets or token slot</td>
<td>Tickets for winners or a token slot</td>
<td>Tickets for winners or a token slot</td>
<td>Tickets for winners &amp; a token slot</td>
</tr>
</tbody>
</table>
| This game is sort of fun to play. | This game is sort of fun to play. | This game is fun to play! | This game is fun to play, I'd play it again!

The Game I am evaluating is: ____________________________

You score a game you played!
Caine’s all grown up and still loves Arcades!