MYSTICLAND IN SCHOOL

GRADE 4

GENERAL KNOWLEDGE

PROJECT GUIDE

Dear Teacher,

This is a collection of five interesting projects with respective rubrics that can be given out to learners during their MysticLand General Knowledge programme. They have been put together under the guidelines of NEP 2020.

Please note that projects are not compulsory for completion of the course. If as a school, your preference is to conduct test-based assessments, question banks are a part of your Teacher Tools Google Folder. If you would prefer a project-based assessment, this guide will be useful.

PROJECT TITLES FOR GRADE 4

1. **Rebuild a Lost Wonder** (Creative and Research-Based)
2. **Create a Constellation Map** (Creative and Hands-on Activity)
3. **Create a Desert Diorama** (Research-Based, Hands-on Activity, and Creative)
4. **Design a Royal Crown** (Research-Based and Creative)
5. **Create a Movie Poster** (Creative)

Project Title #1: Rebuild a Lost Wonder

Chapter: Seven wonders of the ancient world

Project Type

☐ Hands-on Activity ☑ Research-Based ☑ Creative

Objective

Encourage students to learn about famous landmarks and recreate one of the New Seven Wonders of the World using creativity and imagination.

Instructions

Introduction:

- The New Seven Wonders of the World were chosen in 2007 through a global vote. These incredible structures represent human skill, culture, and history. Let's recreate one wonder to explore its importance!
- The New Seven Wonders of the World:
  1. Great Wall of China
  2. Petra
  3. Christ the Redeemer
  4. Machu Picchu
  5. Chichen Itza
  6. Colosseum
  7. Taj Mahal

Task:

- Choose one wonder from the list.
- Create a mini 3D model using clay, cardboard, LEGO, or newspaper.
- Write three to five sentences about:
  - ✔ Where it is located
  - ✔ Why it was built
  - ✔ One cool fact about it

Materials Needed:

- Clay, cardboard, or newspaper
- Paint, glue, pair of scissors
- LEGO (optional)

Research Pointers:

- Who built this wonder and why?
- Where is this wonder located?
- What materials were used to construct it?
- How many tourists visit it every year?

Creative Guidelines:

- Add tiny details to make it look real!
- Write labels for different parts of the structure.

Expected Outcome

A detailed 3D model of a new wonder with interesting facts about its history.

Evaluation Criteria

✔ Creativity and effort
✔ Accuracy of details
✔ Neatness in presentation

Submission Format

✔ 3D model of a new wonder with written facts

Project Title #2: Create a Constellation Map

Chapter: A starry sky

Project Type

☑ Hands-on Activity ☐ Research-Based ☑ Creative

Objective
Teach students about constellations by creating a night sky map.

Instructions

Introduction:
- Constellations are groups of stars that form shapes in the sky!
- People have used them for navigation, storytelling, and science for thousands of years.

Task:
- Draw a night sky on black paper or cardboard.
- Use white chalk, glow-in-the-dark stickers, or glitter to make constellations.
- Label at least three famous constellations (eg, Orion, Ursa Major, Cassiopeia).
- Explain each constellation in brief.
- Bonus Activity: Make up a new constellation and give it a fun name!

Materials Needed:
- Black paper or chart paper
- White chalk, glow stickers, or glitter
- Pair of scissors and glue

Research Pointers:
- What do different constellations represent?
- Which constellation is easiest to spot?
- Why do stars seem to change positions?

Creative Guidelines:
- Make it colourful and easy to read.
- Connect the stars with white string to form shapes.

Expected Outcome
A detailed and creative star map showing real constellations and an imaginary one!

Evaluation Criteria
- ✔ Correct placement of constellations
- ✔ Creativity in design
- ✔ Neatness and clarity

Submission Format
- ✔ Hand-drawn or crafted constellation map

Project Title #3: Create a Desert Diorama

Chapter: A trip to the desert

Project Type

☑ Hands-on Activity ☑ Research-Based ☑ Creative

Objective

Help students understand desert landscapes and ecosystems in India by creating a miniature 3D diorama.

Instructions

Introduction:

- Deserts are hot, dry places with sand dunes, cacti, and camels.
- Some deserts even get snow!
- Let's create a mini desert scene to understand its unique features.

Task:

- Recreate any one desert from India.
- Use a shoebox or cardboard as a base.
- Add sand, clay, or paper to create dunes. Place a signboard of the desert and mention its location.
- Place or draw desert animals and plants (eg, camels, snakes, lizards, cacti). Label them.
- Bonus Activity: Write one fun fact about how desert animals survive in extreme heat.

Materials Needed:

- Shoebox or cardboard
- Sand, clay, small toy animals
- Markers for labels

Research Pointers:

- Largest, coldest, and most unique deserts of India
- How do desert animals find water?
- Do any people live in these deserts?

Creative Guidelines:

- Use natural materials (sand, rock salt, small twigs, or paper cacti).
- Make it look realistic and colourful!

Expected Outcome

A 3D desert model that shows climate, plants, and animals.

Evaluation Criteria

✔ Creativity and effort
✔ Clear labels and facts
✔ Neatness and accuracy

Submission Format

✔ Handmade desert diorama with labels

Project Title #4: Design a Royal Crown

Chapter: Kings and queens

Project Type

☐ Hands-on Activity ☑ Research-Based ☑ Creative

Objective

Encourage students to learn about kings and queens around the world, their royal history, and fun facts about their headgear.

Instructions

Introduction:

- Throughout history, kings and queens wore special crowns to show their power and wealth.
- Let's learn more about royal crowns!

Task:

- Research and choose a famous king or queen from any country.
- Take a chart paper. Stick a picture of your chosen king or queen.
- Write three sentences about the ruler you chose. Write about when and where they ruled, for how long, and what they achieved.
- Design your ruler's crown/headgear out of paper, foil, or cardboard.
- Decorate it with stickers, beads, or coloured gems.
- Bonus Activity: Write a royal speech as if you were a king/queen!

Materials Needed:

- Cardboard or chart paper
- Glitter
- Paint, stickers, foil
- Pair of scissors & glue

Research Pointers:

- Which empire did your chosen king/queen rule over?
- What kind of headgear did your chosen king/queen wear?

Creative Guidelines:

- Facts must be clearly and neatly presented
- Make your crown as real as possible. Your crown should fit your head.
- Make your crown colourful and fun

Expected Outcome

A well-researched fact sheet and a handmade royal crown with historical details about a ruler.

Evaluation Criteria

- ✔ Creativity and effort
- ✔ Accuracy of facts
- ✔ Inspiring nature of royal speech (if chosen)

Submission Format

- ✔ Handmade crown + fact sheet

Project Title #5: Create a Movie Poster

Chapter: Entertain me!

Project Type

☐ Hands-on Activity ☐ Research-Based ☑ Creative

Objective

Encourage students to use their imagination and create a movie poster for an original story.

Instructions

Introduction:

- Movies tell exciting stories with fun characters, action, and adventure!
- Let's design a poster for our very own movie!

Task:

- Think of a new movie idea: Your genre is fantasy.
- Design a movie poster with:
  - ✔ A cool movie name
  - ✔ Main characters
  - ✔ A tagline (eg, "The Adventure Begins!")
- Bonus Activity: Write a short summary of the movie's story!

Materials Needed:

- Chart paper
- Crayons, paints, markers
- Stickers, decorations

Research Pointers:

- What does the fantasy genre mean?
- Find examples of fantasy movies.

Creative Guidelines:

- Make your movie poster colourful and fun
- It can be as imaginative as you wish

Expected Outcome

A bright, colourful movie poster that shows creativity and storytelling!

Evaluation Criteria

✔ Creativity and effort

✔ Accurate representation of the fantasy genre.

Submission Format

✔ Hand-drawn movie poster