

TRANSDISCIPLINARY PROJECT

GRADE VI (2024-25)

ENGLISH

The little Explorer

"The little explorer will Embark on a journey beyond imagination, where they will enter into 6th century to explore the past and witness history unfold before their eyes."

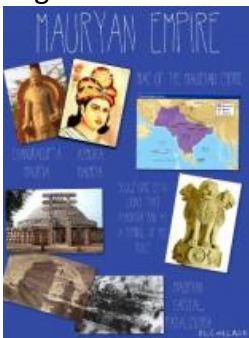
Choose any Indian Dynasty during the 6th & 7th century and list its discoveries and explorations done during that period by the ruler of that Dynasty.

Project should include information about:

- Rise of new religions such as Buddhism and Jainism
- Contribution in Mathematics and Astronomy
- Contribution in Medicine
- Trade and Commerce
- Contribution in Literature and Philosophy
- Contribution in Architecture and Sculpture (for example Chittorgarh fort, Rajasthan was built during the reign of Mauryan empire)

INSTRUCTIONS:

- Choose your favourite DYNASTY that you wish to explore in your summer vacation and include any 2 above listed parameters of that dynasty
- The data could be presented in the form of a **collage**, **Podcast** of Explorer (kind of an interview), **Role-play**, personal **narration**, self-created **video**, etc.
- For example,
- collage



Learning outcomes:

1. Infers the meaning of unfamiliar words from known and unknown texts by reading them in context.
2. Uses of punctuation marks appropriately in reading aloud with intonations and pauses such as Question mark, comma and full stop. Uses punctuation marks in reading aloud with intonations and pauses such as question mark, comma, and full stop in order to demonstrate understanding of their appropriate.
3. Present orally and in writing the highlights of a given written text/a short speech/narration/video, film, pictures, photograph etc.

Rubrics for English

CONTENT

CREATIVITY AND ORIGINALITY

FLUENCY & COHERENCE

PRONUNCIATION AND INTONATION

OVERALL IMPACT

HINDI

*विषय का परिचय -

*विविधता में एकता एक अवधारणा है जो उन व्यक्तियों के बीच एकता का प्रतीक है, जिनके बीच कुछ मतभेद हैं। ये अंतर संस्कृति, भाषा, विचारधारा, धर्म, संप्रदाय, वर्ग, जातीयता आदि के आधार पर हो सकते हैं। इसके अलावा इस अवधारणा का अस्तित्व अनादि काल से है। भारत में विविधता क्यों ?

(NOTE – नीचे दिए गए प्रश्नों में से **कोई दो** प्रश्न करें। प्रत्येक प्रश्न के लिए दिए निर्देशों का पालन करें।)

१. भारत को जलवायु स्तर के आधार पर कितने भागों में बाँटा जा सकता है? अधिक वर्षा वाले व अधिक गरम रहने वाले प्रदेशों के नाम लिखकर उन्हें भारतीय मानचित्र (Map) में दर्शाइए।

(सामग्री- प्रोजेक्ट पेपर, Map को फाइल में जोड़ें)

२. भारत में निवास करने वाले लोगों के परिवारों में विवाह, रीति-रिवाज, वस्त्रशैली, खान-पान आदि में पर्याप्त विभिन्नता पाई जाती है। सामाजिक-सांस्कृतिक अनेकता में एकता को भी दर्शाइए।

(DIGITAL रूप में PPT/ COLLAGE बनाकर प्रस्तुत करें या प्रोजेक्ट पेपर पर लिखकर फाइल बनाइए।)

३. भारतीय संस्कृति की महान विशेषता इसकी सहिष्णुता है। धार्मिक उदारता व प्रेम-भाव को बनाए रखते हुए कोई नुक्कड़ नाटक या नाटक प्रस्तुत कीजिए।

(नुक्कड़ नाटक या नाटक का प्रस्तुतीकरण 5 से 8 बच्चों का गुप बनाकर करें।)

४. INDIAN DIVERSITY इस भाव को प्रस्तुत करने के लिए अंग्रेज़ी/हिंदी भाषा में (SPEECH, POEM, PARAGRAPH) लिखिए।

(प्रोजेक्ट पेपर पर सजाकर लिखिए, फाइल बनाइए और लिखी हुई कविता/भाषण /अनुच्छेद को याद करके कक्षा में सुनाएँ।)

सीखने के प्रतिफल- (learning outcomes)

1. ये गतिविधियाँ छात्रों को भारतीय साहित्य के साथ-साथ उनके पर्यावरण और समाज के संबंध में गहराई से समझने का अवसर प्रदान करेंगी।
2. देश को बेहतर बनाने के लिए हमेशा एकजुट रहना सीखेंगे।

मापदंड -

1. दिए गए विषय से प्रासंगिकता - ४ अंक
2. कलात्मक सृजनात्मकता - ४ अंक
3. समय पर प्रस्तुतीकरण - ४ अंक
4. प्रस्तुतीकरण एवं मॉडल निर्माण - ४ अंक
5. शुद्धता एवं स्पष्टता - ४ अंक

MATHEMATICS

COOKING WITH FRACTIONS

Learning objective:

Students will use their knowledge of fractions and decimals to plan and price out a party. Students will scale a recipe to feed the desired number of people, ensuring that the recipe is healthy. Then, they will price out how much their party will cost and create an advertisement for their event. Students will be multiplying fractions and mixed numbers. They will also have to compute with decimals in order to find the total cost of their party and how much they will earn.



Material required:

Healthy recipes,
Calculators (optional)
Art & craft material (for designing pamphlet)
Material for creating and e- advertisement (e-flyer, video)


Medium of presentation: PowerPoint presentation and skit.

Project:

You are the owner of your own catering company. Today is the big day you have been waiting for! You are catering an exciting party! You have been hired to cater at the most famous and fancy restaurant in the area. You will get paid based on the cost per person per recipe!

- Each party should have a theme and you will need to serve an appetizer, a main course and a dessert at one of the parties listed below:

1. Class picnic (guests- 50)
2. Students get together with the teachers (guests- 100)
3. Fashion show event (guests- 96)
4. Birthday party (guests- 45)

 **Note: Make a menu card with cost per person for any one of the events mentioned above. Final part of the project:** Sell your event! Pretend that you are the host of one of your catered events. Create an advertisement that makes people want to come to the event.

Included in the ad should be the theme of the event, title of the event and the cost per person that you are charging for the event. Your ad should be colourful and should tell what kinds of food would be served. You may use any method, app or software you like to create your ad.

 **Note: Design an ad or a pamphlet including all the necessary information related to your event.**

 **Guidelines:**

- You must choose healthy recipes to feed your party. You will need to change the recipes at your event so as to provide every guest with one serving of each of the recipes you choose.
- You must choose and adjust the ingredients according to the number of guests as per the event. It is ok to have more food than you need, but you cannot have less.
- Calculate the amount of money you will make based on the number of people per party. This will be done by taking the amount of money that you charge each guest and subtracting the total cost of feeding all the guests.

 **For reference:**



RR PARTY PLANNERS
RR Party Planners Will Build Your Dream Around You.
PARTY PLANNERS

300 Balloon **Music Candle**
1 Photographer **Birthday Name**
20 Caps 20 Masks **2 Birthday Bomb**

7038893449 | 9767085024 | 7020265852 | 7020043561
f R.R. Party Planners m rrpartyplanners@gmail.com i rrpartyplanners

We also Provide Wedding & Babyshower Decorations,
Catering, Photography & Other Event Services



BIRTHDAY EVENT ORGANIZER

SALE \$200

PARTY PACKAGE INCLUDES :
- PARTY INVITATION
- ONE PERSON HOST
- PARTY FOOD
- DECORATION

Call Us Now 123456789

 **Subjects integrated with:** English- Advertisement designing, overall presentation.

Maths- Measurements for the recipes, costing of the material, planning of event as per the number of people.

Science- Health benefits of recipes designed.

Hindi- Advertisement designing, caption or punch line for the same.

Arts- Designing the pamphlet for an event or e-flyer for the same.

Learning outcomes:

- Enhance the ability to accurately recognise and use the terminologies related to fractions and decimals.
- They will develop the art of communication and critical thinking.

- They will develop the skills to operate different types of fractions.

Rubrics:

✓ Content	3 marks
✓ Presentation	3 marks
✓ Exploration	3 marks
✓ On time submission	2 marks
✓ Viva	4 marks

SOCIAL SCIENCE

"Diversity is all around us, encompassing differences in race, culture, religion, language, abilities, and more. Diversity covers topics such as exploring cultural traditions and customs from around the world, learning about historical figures and events related to diversity and social justice, promoting respect for all individuals, regardless of their background. Overall reflecting on personal biases and privileges and how they impact interactions with others.

PROJECT TITLE: "Colours of Diversity, Threads of Unity"

Students will research Indian as well as global cultural aspects. This will promote global awareness and cultural understanding

Students will work on any two questions.

QUESTION 1

Cultural Exploration –

1. Craft/create a brochure on a coloured sheet.
2. Pick any 2 holidays from the calendar and explore how different cultures celebrate the same holiday. (For eg- Diwali is celebrated in many cultures but the celebrations are different).
3. Make it creative and informative by adding pictures to it.

QUESTION 2

Global Awareness:

1. Create a presentation (PowerPoint, or any other digital presentation tool) on global aspects of any two countries such as:
 - World religions
 - Cultural festivals
 - Language
 - Art
 - Sports
 - Location on map etc.
2. Presentation should not exceed more than 10 slides.

QUESTION 3

Global Issue Research:

1. Research on global issues that impact different communities around the world in any 3 countries of your choice (for eg- marginalised groups, tribals, women, workers) such as climate change, poverty, access to education and healthcare.
2. With the help of your parents find out solutions to address these issues.
3. Use chart paper to write down your report: Make an index (Prepare a table and write the contents: Name of country, which group you chose, which issue you researched, in it), on the same chart paper in the top left. On the rest of the chart paper, write your research for all 3 countries. Add pictures to the chart paper.

Learning Outcome:

By researching the aspects of unity in diversity, students will develop social awareness which will help them appreciate different perspectives and draw stronger conclusions. It will improve critical thinking skills and encourage academic confidence. Global Issue research will help students to understand the struggle of the people for basic needs in the world.

RUBRICS- Students will be evaluated on:

1. Timely submission
2. Content
3. Presentation
4. Problem-solving skills as they navigate diverse social scenarios.
5. Use of Media: The skilful use of artistic materials and techniques.

SCIENCE



The Bony Beats

Dance is a hit among all age groups these days. The eye-catching ads and shows are grabbing the attention of adolescence. It's amazing to see how dance is captivating everyone and bringing people together. It's crucial for dance lovers to prioritize the flexibility and strength of their bones. Taking care of our bones is a must in order to excel in dance and prevent injuries and perform those incredible moves flawlessly.

An adult human skeleton consists of 206 bones in total. At the time of birth, there are 270 bones which fuse with time to come to a total of 206 bones. The total bones of our body can be divided into axial skeleton (80) and appendicular skeleton (126). The accessory bones and sesamoid bones are included in the total bone count of our body. Dance is a form of creative expression that involves moving the body in rhythm to musical accompaniment. Dancers might communicate emotion through dance or use dance to enjoy the experience of being in a physical body. However, not all forms of movement are dance; in order to meet the dance definition, a movement needs expressiveness rather than just functionality.

Let's find out.

- There are various dance forms where students tend to learn. Create an advertisement of a dance Workshop to be conducted in vacation.

Advertisement can be in form of video. Student can act and record their video. Max time of video should be 30 second.

OR

Prepare a Pamphlet of the advertisement using powerpoint or any other app.

(English).

- People with disabilities who engage in dancing may encounter various challenges, depending on the nature of their disability and the specific dance style they are practicing. Make a report on famous Dancers who have overcome this challenge. (Science)
- Yoga can indeed be beneficial for promoting healthy bones by improving posture, flexibility, balance, and strength. Make report on some yoga poses that can specifically target bone health: (Yoga)
- Indian classical dance, such as Bharatanatyam, Kathak, Odissi, Kuchipudi, and others, can be beneficial for bone health in several ways. Collect information about any two different dance forms of India along with their cultural importance and health benefits. (History)

Learning Outcomes

- 1) Identifying the types of joints in human body and the extent of their motion.
- 2) Identify the structure and function of skeleton system.
- 3) Students will relate the importance of bone joint for difference dance forms.
- 4) Students will come to know about the symmetry of body.
- 5) They learn different yoga asanas in which movements of bones plays vital role.
- 6) Student also learn various exercises for flexibility and good health through dance.

Rubrics

Timely submission

Content- Relevance to the topic

Out of the box thinking

Effectiveness/practical applications

Presentation

Viva

SANSKRIT

अप्रैल के महीने में मिहिर 🧐 एक छठी कक्षा का छात्र अपने स्कूल से घर जा 🚶 रहा था। रास्ते में गर्मी 🌞 के कारण वह बहुत थका 🥱 हुआ था। वह छांव के लिए कोई पेड़ 🌳 देख रहा था। लेकिन रास्ते में बहुत मुश्किल से एक पेड़ 🌳 दिखाई दिया। जैसा ही वह वहां ठहरा तो उसने देखा की बहुत सारे प्राणी और पक्षी 🐦 🐝 🐣 प्यास के कारण और गर्मी 🌞 के कारण परेशान हो रहे हैं। उसके मन में पशु - पक्षी के लिए और पर्यावरण के लिए बहुत सारे विचार मन में आ रहे थे 🤔। इस समस्या का कोई तो हल निकालना चाहिए इस सोच में ही वह घर चला गया। क्या आप उसकी मदद किस तरह कर पाएंगे?

1. छात्र पर्यावरण के प्रति जागरूकता दिखाते हुए एक नाटक का प्रस्तुतीकरण करें।
2. बदलते मौसम में कौन से कौन से क्षेत्र को प्रभावित किया है अपने विचार प्रस्तुत कीजिए।
3. वृक्ष संवर्धन तथा वृक्ष संगोपन को लेकर छात्र एक एनिमेटेड स्किट बनाएं।
4. पर्यावरण के प्रति जागरूकता बढ़ाते हुए छात्र सचित्र नारा लेखन करें।

सीखने के प्रतिफल

छात्रों में वाचन, पठन लेखन, भाषण कौशलों का विकास होगा ।

तंत्रज्ञान के बारे में अधिक जानकारी प्राप्त होगी ।

छात्रों में आत्मविश्वास बढ़ेगा ।

कल्पना शक्ति व सृजनात्मकता का विकास होगा ।

सामूहिक कार्य करने में सक्षम होंगे।

छात्र स्वयं मूल्यांकन करने में सक्षम होंगे।

परियोजना कार्य के मापदंड -

शुद्ध उच्चारण - 5

विषय वस्तु - 5

समय पर प्रस्तुतीकरण - 5

हाव -भाव व आत्मविश्वास - 5

(छात्र – file में ppt में, नुक्कड नाटक आदि के द्वारा अपना कार्य प्रस्तुत कर सकते हैं)

