



**PRAGATI PUBLIC SCHOOL  
HOLIDAY HOMEWORK  
SESSION 2022-23  
CLASS – IX**

**Dear Parents ,**

**Warm Greetings !!! The time spent in school is always cherished with lots of fun filled activities ; making new friends and learning new things .We hope that our students also enjoyed themselves in school as much as we enjoyed having them with us . You might have noticed that they all loved to come to school .**

**Summer Vacation is the time for the children to explore their myriad interest and indulge in various activities which would lead to their all-round development. Summer Vacation is the most awaited time for both parents and kids.**

**Though we will miss our students and their chatter and laughter definitely , we wish them a HAPPY AND HAPPENING SUMMER BREAK ! Enjoy and take care of yourself !**

**In accordance with the NATIONAL EDUCATIONAL POLICY 2020 , we are incorporating an integrated project-based learning wherein students will prepare projects for all the subjects based on a common theme. This endeavour has been taken up with the objective of inculcating the approach of integrating diverse subjects or fields and the spirit of collaborative learning. The school has planned a vacation homework in the form of Integrated project to ensure that every student do not stay out of the learning path.**

**THEME FOR MULTIDISCIPLINARY ART INTEGRATION PROJECT  
CLASS IX**

**ARTIFICIAL INTELLIGENCE**

***General Instructions***

- **Integrated project of all subjects can be done in file, model, chart or in any other creative and innovative way.**
- **Credit will be awarded to original ideas, illustrations and creative use of materials.**
- **The project needs to be developed and presented in this order:**
- **Handwritten cover page showing project title, student's name, class, section, school's name and academic year.**
- **Index page should include names of the subjects, page no. and a column for teacher's sign.**
- **Acknowledgements (acknowledging the institutions and persons who have helped).**

- As the project has one theme, all the activities are planned according to theme under various subjects.
- The students need to follow guidelines given to them by subject teachers to make and submit the project. Brief description of the work done in given along with homework in all subjects.
- All the students are advised to complete the project with the resources available at home.
- Prepare a systematic timetable and follow it religiously from the very first day.
- The dates for bringing the home work will be intimated later.
- Use Eco Friendly material only for making the models. Use of plastic folders and plastic material must be avoided.

### **English Holiday Homework-**

Write a story on the given Question using Story Speaking tool or any other app of your choice-

- Submit the printout of the story you created as homework in the integrated file

This is the year 3500. While cleaning up the garage in your house, you come across your great-great-grandfather's diaries about his days in school.

Using the hints given, write a story about the changes that have taken place between 20XX (the current year) and 3500 (150 words).

20XX	3500
dress-T-shirts, jeans, shoes	air-conditioned bodysuits
school-community schools	individual schools/specially programmed robots as teachers
Transport-bikes, cars	jet engines fitted as backpacks
Books-paper	moving screen with pictures

### **RUBRICS-**

**Personal Narrative**  
**Coherence**  
**Language**  
**Pov**  
**Use Of Relevant Tool**  
**Picture Prompt**

## About Story Speaker-

Story Speaker: It is an AI experiment which is available as an add-on to Google Docs. Story Speaker lets anyone create an interactive story with no coding required. It is an easy to install and easy to use tool and comes in handy when the user wants to create a story which changes according to the user's input.

Link to install Story Speaker extension for Story Speaker:

<https://chrome.google.com/webstore/detail/story-speaker/ohfibfhfbhknfdkipjdopbnegkbkjpj>

Introduction to Story Speaker:

<https://www.youtube.com/watch?v=wsrzvYYvhH8&feature=youtu.be>

Link to read more about Story

## Hindi Holiday homework

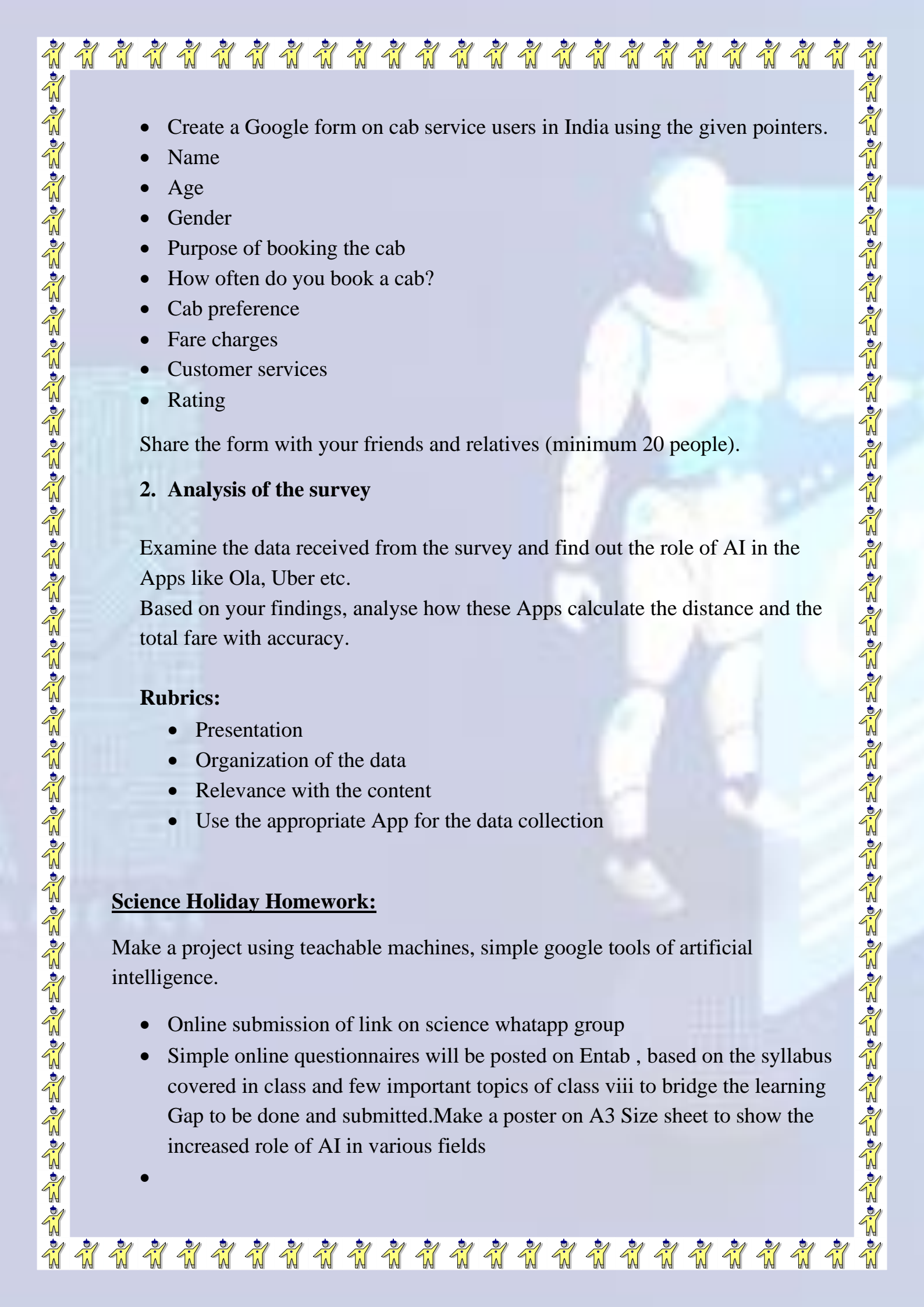
- Submission of loopy tool link on Hindi Whatsapp group and Anmol wachan in Integrated file

- कृत्रिम बुद्धिमता के लूपी टूल की मदद से उपसर्ग और प्रत्यय की एक प्रस्तुति तैयार कीजिए।
- कृत्रिम बुद्धिमता की मदद से हिन्दी के किसी एक प्रकरण पर एक गेम तैयार कीजिए।
- प्रतिदिन एक अनमोल वचन टाइप कीजिए।

## Mathematics Holiday Homework

- Survey Response sheet and print out of google form to be submitted in hard copy. The data should be in the form of pie chart/ bar graph.
- Create a folder of the responses obtained from survey.
- For activity two submit hard copy of your findings.

### 1. Survey

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- Create a Google form on cab service users in India using the given pointers.
  - Name
  - Age
  - Gender
  - Purpose of booking the cab
  - How often do you book a cab?
  - Cab preference
  - Fare charges
  - Customer services
  - Rating

Share the form with your friends and relatives (minimum 20 people).

## 2. Analysis of the survey

Examine the data received from the survey and find out the role of AI in the Apps like Ola, Uber etc.

Based on your findings, analyse how these Apps calculate the distance and the total fare with accuracy.

### Rubrics:

- Presentation
- Organization of the data
- Relevance with the content
- Use the appropriate App for the data collection

### Science Holiday Homework:

Make a project using teachable machines, simple google tools of artificial intelligence.

- Online submission of link on science whatapp group
- Simple online questionnaires will be posted on Entab , based on the syllabus covered in class and few important topics of class viii to bridge the learning Gap to be done and submitted. Make a poster on A3 Size sheet to show the increased role of AI in various fields
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## About Teachable Machine

Train a computer to recognize your own images, sounds, & poses.

A fast, easy way to create machine learning models for your sites, apps, and more – no expertise or coding required.

Rubric of assessment:

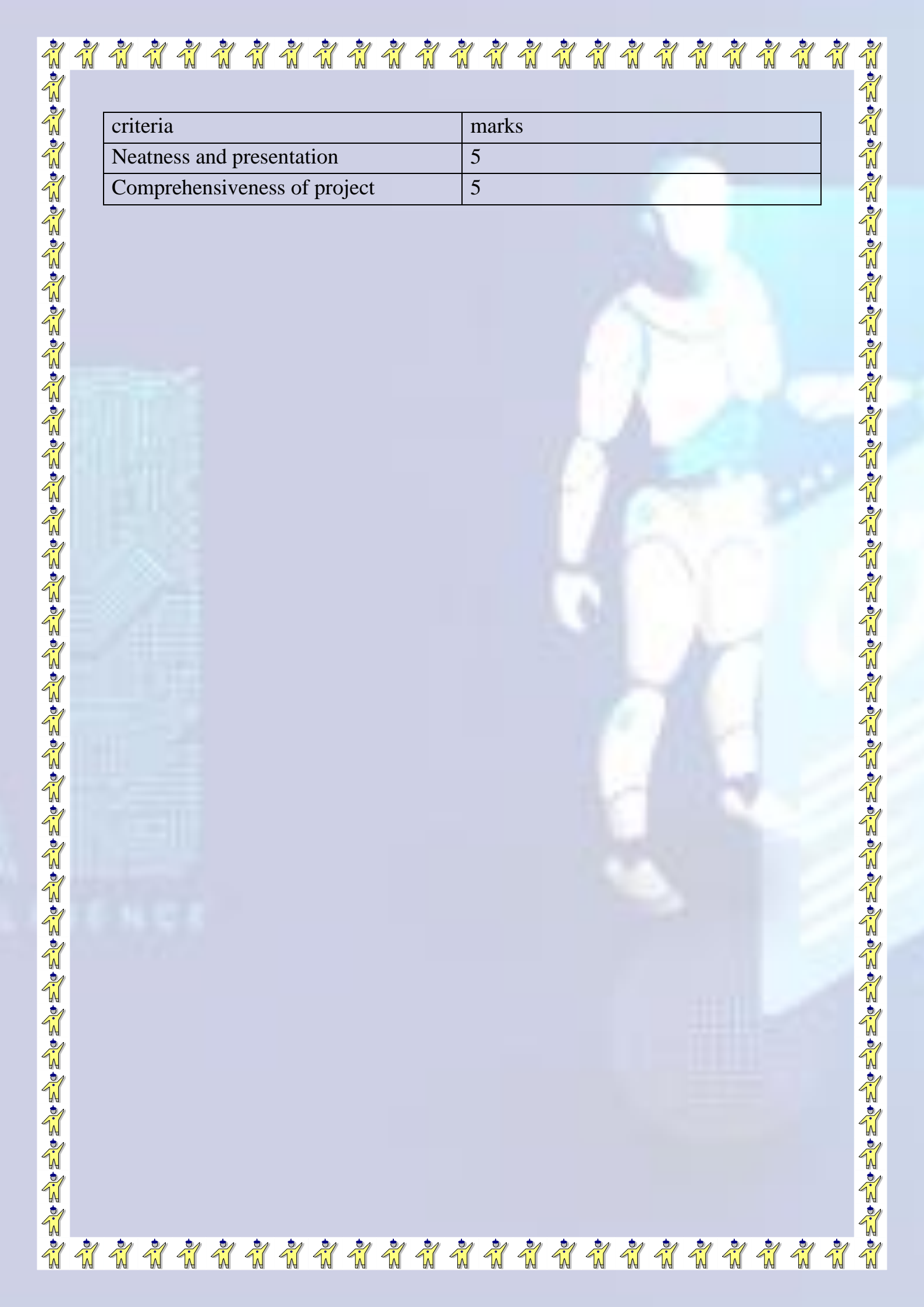
Criteria	Marks
Usefulness of the project	4
Creativity	4
Submission of work in time	2

## Science Holiday Homework

- In the project report collect information about the history of AI development and the usefulness of A.I in the given fields according to your assigned roll numbers
- The report with relevant examples, data and pictures to be submitted in the Integrated file under social science section.

Roll Number	Topics
1-5	A.I in Farming and other small scale business.
6-10	A.I in Travel and booking
10-15	A.I in Advertising
16-20	A.I in Electoral polls, exit polls, election procedures.
21-25	A.I in teaching and learning,
26-30	A.I in Relief mapping/Mineral location finding
30 onwards	A.I in Virtual tour of historic sites/ Audio guides at monuments

Submit the copies of pages in the integrated files.



criteria	marks
Neatness and presentation	5
Comprehensiveness of project	5