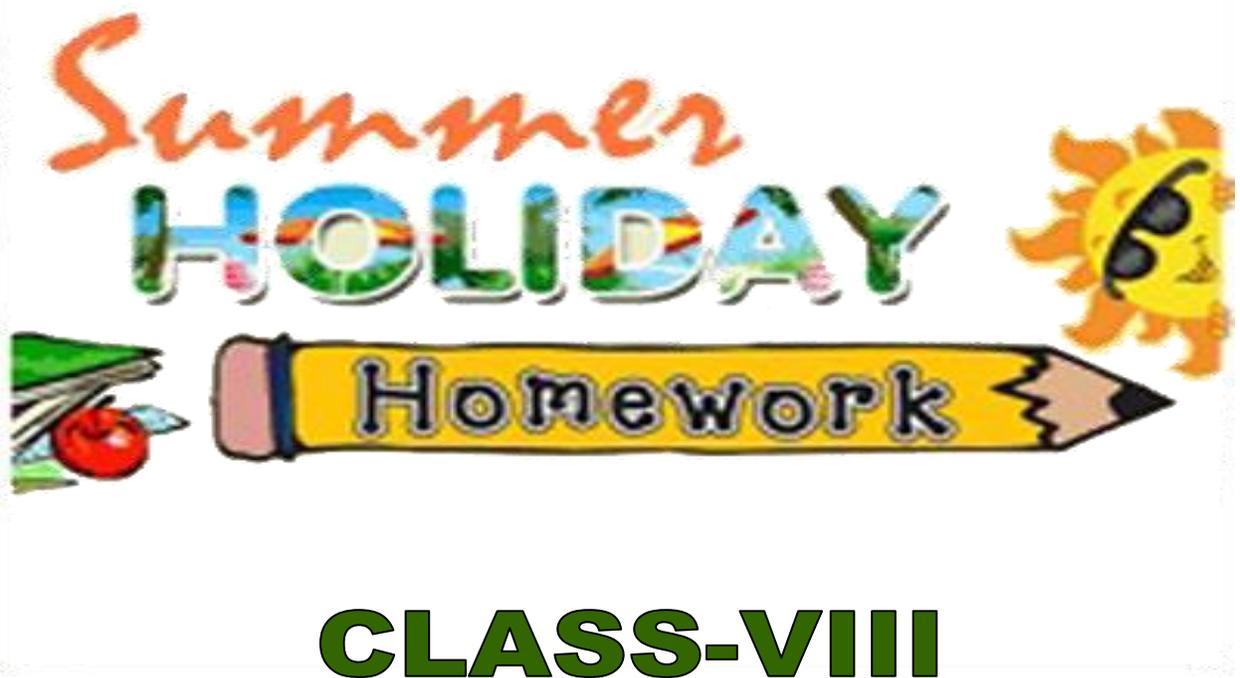




# **DELHI PUBLIC SCHOOL, JAMMU**

## **SESSION-2021-22**



CLASS:- VIII

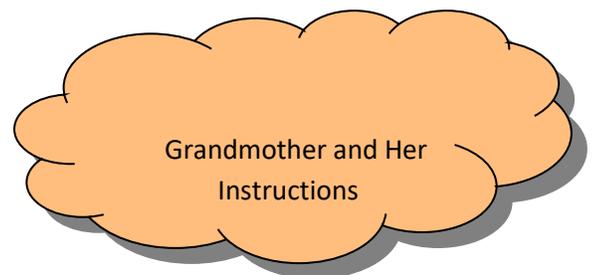
SUBJECT: ENGLISH

1. Personification is a literary tool which helps us to give an animal or object, the qualities or abilities that only a human can have. Personification is what writers use to bring non-human things to life. It helps us better understand the writer's message.

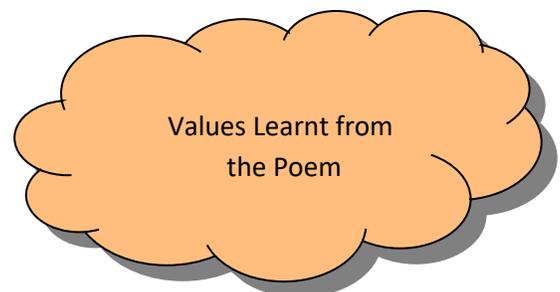
Based on any of the poems that you've read in class VIII, draw or sketch an image which depicts personification. Here's an example of the same-



2. Let's revise the poem "Children of the Rainbow". Complete the following mind map based on your understanding of the poem.



CHILDREN OF THE RAINBOW



दिल्ली पब्लिक स्कूल ,जम्मू  
सत्र : 2021- 22

=

कक्षा : आठवीं

■ ग्रीष्मावकाश गृहकार्य ■

★ भारतीय हस्तकला परंपराओं की खोज ★

प्रश्न ) भारतीय हस्तकला परंपराओं की जानकारी देते हुए अपना एक समाचार पत्र बनाएँ -

◆ समाचार पत्र के मुख्य आधार होने चाहिए ◆

● समाचार पत्र का मुख्य पृष्ठ ●

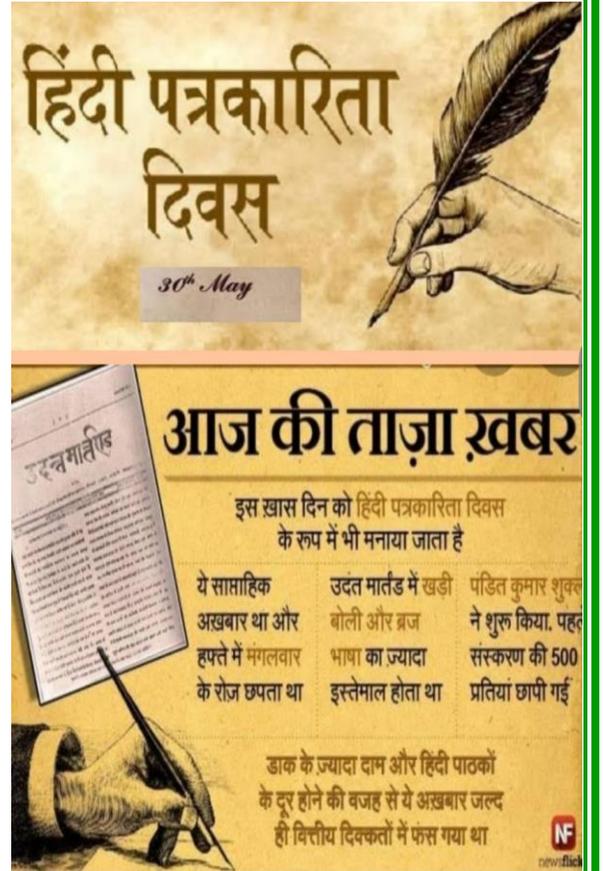
समाचार पत्र के मुख्य पृष्ठ को तैयार करना एक रुचिकर और आकर्षक क्रियाकलाप है। आपका समाचार पत्र भिन्न होगा क्योंकि आपके पत्र के पहले पृष्ठ पर शिल्पकार के वातावरण और उसके शिल्प का वर्णन होगा। जैसे - कुम्हार

● हैडलाइन स्टोरी ●

शिल्पकार का कार्यस्थल और वातावरण समाचार पत्र की हैडलाइन स्टोरी होगी।

● चित्र ●

इसमें विभिन्न भारतीय हस्तकला संबंधित चित्र शामिल किए जा सकते हैं।



## ● संबंधित विज्ञापन ●

कुटीर उद्योगों में कार्यदशाओं / बालश्रम पर आधारित सामाजिक जागरूकता संबंधित विज्ञापन शामिल किए जा सकते हैं। प्रत्येक विज्ञापन में लिखित सामग्री भी दी जा सकती है।

## ● कारीगरों का साक्षात्कार ●

कारिगरों का साक्षात्कार कर फोटोग्राफ सहित स्थिति अध्ययन तैयार किया जा सकता है।

## ● बॉक्स आइटम ●

बॉक्स आइटम जैसे -मौसम, टीवी और रेडियो कार्यक्रमों की सूचना विज्ञापन और कार्टून बनाए जा सकते हैं।

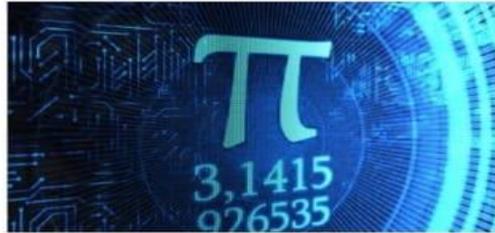
## नोट:-

विद्यार्थी टाइप राइटर कंप्यूटर का प्रयोग कर सकते हैं अथवा हाथ से भी लिख सकते हैं।

## SUBJECT – MATHS

### **PART-I:**      **PROJECT : History of the Mysterious Number $\pi$**

*It is very important to understand the history or the background of a subject or a topic before starting to learn more about it. Projects can be a great way to help students research about it. This will facilitate better knowledge and understanding. Make a Powerpoint presentation of the given project, keeping in mind the following details (not more than 10 slides)*



### **OBJECTIVE :**

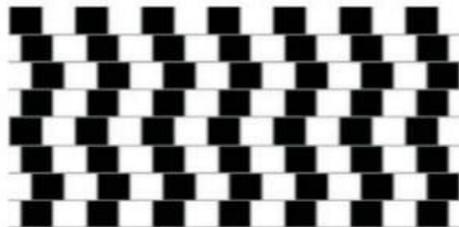
Investigation of various historical aspects of number  $\pi$

### **DESCRIPTION :**

1. Knowledge of  $\pi$  in various ancient civilizations.
2. Approximations for  $\pi$ .
3. Circumference of circle and  $\pi$ .
4. Famous mathematical problems featuring  $\pi$  (any two)

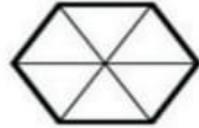
### **PART 2 :**      **FUN TIME WITH OPTICAL ILLUSIONS**

Optical Illusions are arrangements of images and colour to create interesting visual effects. Let's see one to experience it.

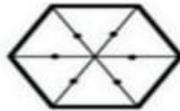


Now let's create one-

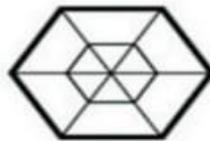
**Step 1:** Draw a regular hexagon of convenient size. A regular figure is a figure in which all the sides are equal and all the interior angles are also equal. (hint: To draw a regular hexagon, draw a circle of any convenient radius. From any point on the circle, draw arc of same radius. Draw another arc from the previous arc and so on till you get 6 arcs. Join arcs to get a regular hexagon)



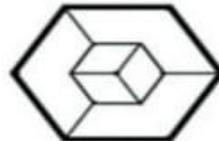
**Step 2:** Mark midpoints on each line as shown in the figure.



**Step 3 :** Connect the points as shown below :



**Step 4 :** Erase those lines as shown in the figure below.



**Step 5 :** Now colour according to your choice, keeping in mind the different shades. You can use three different shades of the same colour to colour each of opposite side,



Now you look at the cube that you have just created.

**Q1:** What is the ratio of the surface areas of the smaller cube and the bigger cube? (Hint: surface area of a cube =  $6 \times \text{side}^2$  )

**Q2:** What is the ratio of the volumes of the smaller cube and the bigger cube? (Hint: volume of a cube =  $\text{side}^3$  )



### PART 3: FOR THE LOVE OF BOOKS

**Old books have a unique smell. If you don't believe that, checkout some that you have at your home. They will certainly smell good!**

*Tarun asked 60 students in his school about their favourite category of books. He represented the information using a pictograph.*



Genre of book		Frequency
Non-Fiction		
Science fiction		10
Poetry		
Humour		
Horror		8
Adventure		14

Key: represents ..... books.

**The science fiction now in the pictograph is complete.**

Q1: Now, why don't you complete the key.

Q2: Complete the pictograph as well.

Q3: What is the mode of the given frequency table? (Hint: book liked by maximum no. of students)

Q4: How many more students prefer adventure books to humour books?

**# Which is your favourite category of reading? Read one of its kind during the vacation!**

The typical smell is due to the breakdown of two chemical components of paper-cellulose and lignin. In fact, the chemicals responsible for the smell of a book can be used to figure out its age, just like carbon dating.



#### Note:

1. Make a creative PPT (typed) of Part – I and Solve Part – II & Part – III (hand written) on scrap book / A-4 sized sheets. Make a combined PDF of the same by inserting images wherever required.

## SUBJECT- SCIENCE

## CLASS VIII

Q1. Do the activity: Fermentation of Sugar by yeast. Make a video of yourself performing this activity stating your observation and inference. Link: <https://youtu.be/FYCICHVT00M>

Q2. Write first 20 elements along with its electronic configuration in a scrap book. Using your own creativity make your scrap book colourful and interactive.

LINK :-<https://www.chemicool.com/m/>



Q3. Refer to the lab manual and do the following:

- Prepare the Viva Voce questions on page no. 13, 15 and 22.
- Attempt the MCQs given on page no. 16, 17, 24 and 25.

## SUBJECT: S.ST

SUB: History:

## HISTORY



- Research and prepare a project report on any 1 of the national leaders of the early 20<sup>th</sup> century. Report should include following details:

- Name of the leader
- Family details
- Background
- Inspiration to join Freedom Struggle
- Contribution to the Freedom Struggle
- Photograph

Hints to Help: Search Internet

Old history books, journals, magazines etc.

<http://www.youtube.com/watch?v=zhL5DCizj5c>

## CIVICS

2. Make a poster on any of the following themes :

- i) Water is precious
- ii) Religious brotherhood
- iii) Child Labor -a Crime
- iv) Domestic Violence

Poster should be made neatly on an A4 Size Sheet.

## GEOGRAPHY

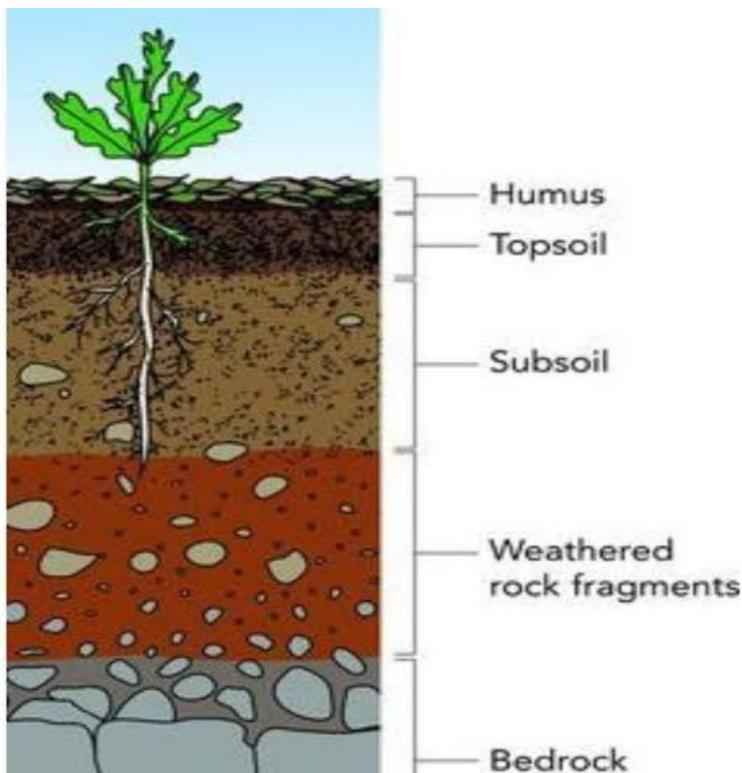
### Q1. Project work

- Soil profile is an interesting feature to understand the various layers of soil.
- Make a soil profile model using glass jar or plastic container to depict the various layers of soil.
- **Method:-**

Take a small glass or plastic container. Put some pebbles at the bottom, some sand and broken pebbles in the third layer. Now fill the second layer with sand and small balls of aluminium foil to highlight minerals. Make the upper layer with soil, some roots, and small models of earthworms. Layers can be divided by using thick cardboard. Label the different layers with black marker. (Reference Pg no. 134 of textbook).

Q2. On an outline map of India, Mark the various states and union territories with their particular soil type.

Do this in your Geography notebook. (Reference Pg. no. 134 of textbook).



### Note:

- i. Holiday Homework has to be done in Geography notebook in map activity. Paste map sheet separately.
- ii. Different colors can be used to highlight the areas with different soils.

**SUBJECT: COMPUTERS**

- ❖ Create an Informative Presentation using Power Point, on the Topic: **Computer Network and Networking Devices.**
- Apply the formatting and animation effect to make it impressive.

**SUBJECT: THIRD LANGUAGE**

**French**

**Q.1. Presentez-vous en francais.**

**(Introduce yourself in French.)**

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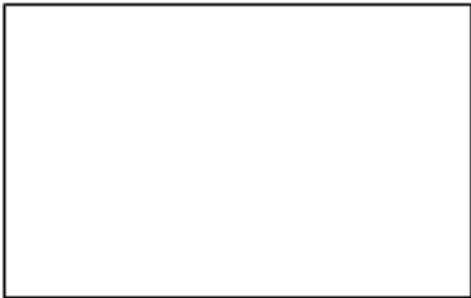
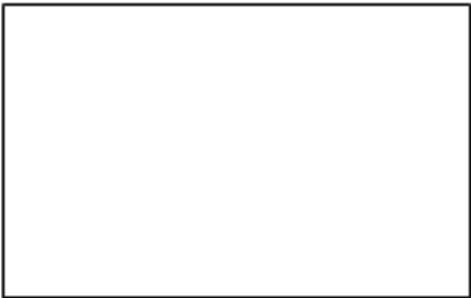
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**Q.2. Collez les images de dix lieux publics quelconques.**

**(Paste the pictures of any ten public places.)**

**Exemple:-**





**SUBJECT: GERMAN**

Hallo Studenten

Reisen macht Spass. Unsere Chance, neue Orte zu besuchen, neue Leute kennenzulernen und Erinnerungen zu schaffen.

-Machen Sie eine schoene Reisebroschuere fuer die Stadt Jammu, die Touristen ueber die zu besuchenden Orte fuehrt.

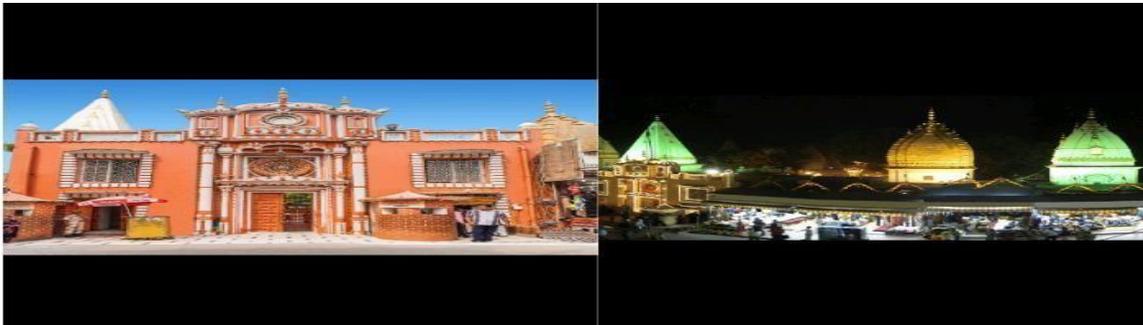
Praesentieren Sie auch ein 1 oder 2 - minuetiges Video ueber die Stadt Jammu und die zu besuchenden Orte.

(Hello Students,

Traveling is fun; Our chance to visit new places, meet new people and create memories.

Make one nice Travel Brochure for Jammu city guiding tourists about the places to visit.

Also present a 1 or 2 minutes video telling about the Jammu city and the places to visit.)



## SUBJECT: SANSKRIT

अपने परिवार की दिनचर्या को देखकर प्रत्येक व्यक्ति के बारे में चार- चार वाक्य लट्, लोट ,लृट् और लङ् लकार में बनाइए।



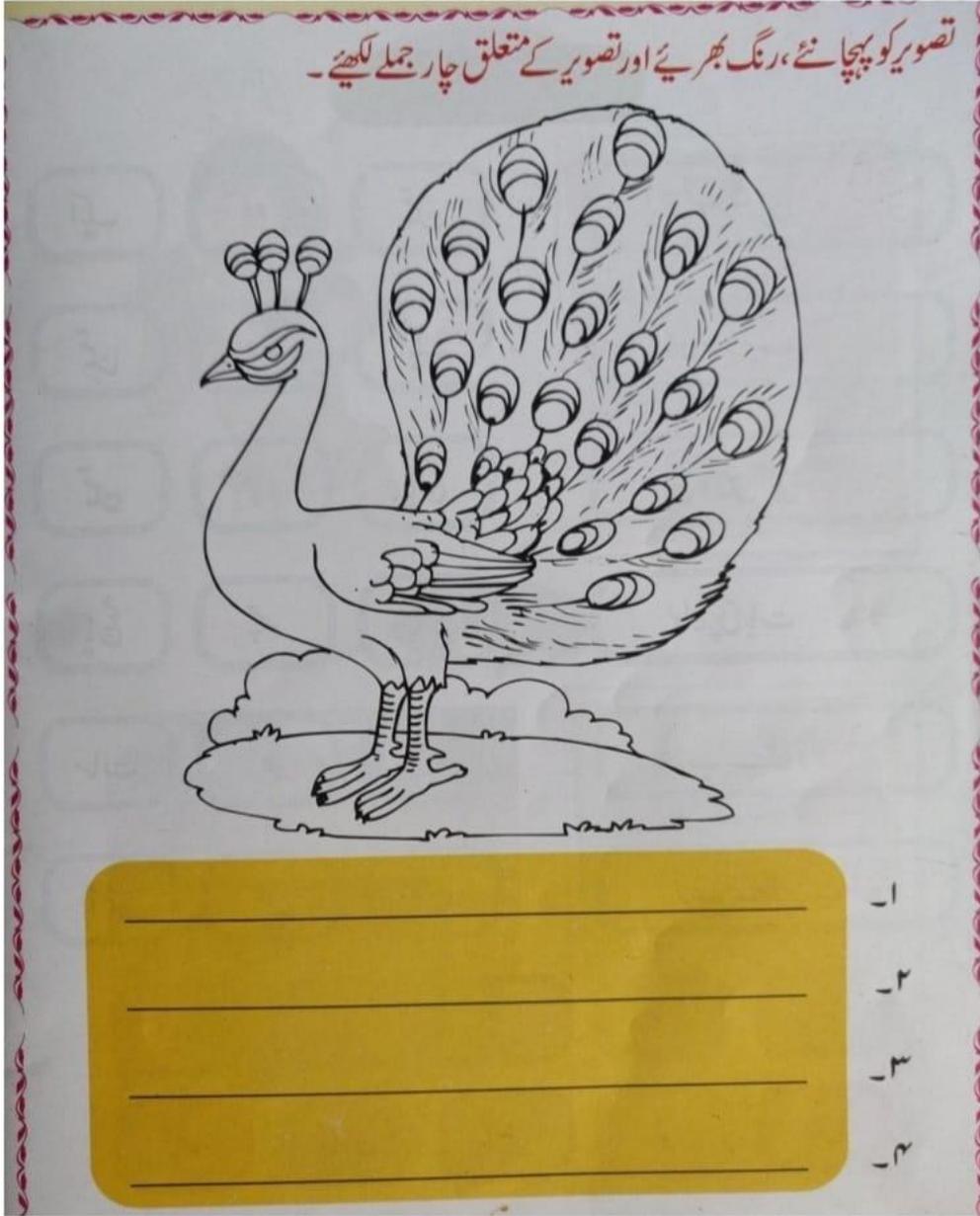
उदाहरण :-

- > लट् लकारः - बालकः खादति ।
- > लृट् लकारः - बालकः खादिष्यति।
- > लङ् लकारः - बालकः अखादत् ।
- > लोट् लकारः - बालक खादतु ।



2. Identify the picture, colour it and then write four sentences on it in the given space below.

2- دی گئی تصویر کو پہچانیئے، اُس میں مناسب رنگ بھرئیے پھر اُس کے متعلق چار جملے اُس کے نیچے لکھیئے۔



**NOTE:**

- 1. Send your Holiday Homework by e-mail to your respective Subject Teacher by 13<sup>th</sup> July,2021. Your submission will carry 4 marks. (2 marks – Subject Relevance and Research, 2 marks- Handwriting).**
- 2. Practice for your Homework/ Project Presentation (5-6 mins) to be held during virtual class after holidays. It will carry 6 marks. (2 marks-Confidence, 2 marks- Subject Clarity, 2 marks – Presentation Skills).**
- 3. The schedule for presentation will be shared later.**
- 4. The teacher may ask 1 or 2 questions during the presentation.**

