



BANYAN TREE SCHOOL, LODHI ROAD
HOLIDAY HOMEWORK
GRADE VII
PRESENTS



A decorative border surrounds the page. At the top center is a bright yellow sun with rays. On either side of the sun are palm trees with green fronds and brown trunks. The bottom edge of the border is a light blue scalloped line. The background of the page is white.

HINDI

“Did you understand anything that Simba said today?” asked a distraught Pumba to his best friends Timon.

“He was telling us about Global Warming” sighed Timon, not surprised.

“Can you explain it to me again please?” pleaded Pumba.

“How many times does someone have to do this, Pumba? We have told you in English, French, and Swahili! What next - in Hindi?”



“Actually, yes.” Confessed Pumba.

“You can’t be serious,” said an annoyed Timon.

“Pretty pleaseeeeeeeeeeeeeeeeeee,” said Pumba batting his eyelashes.

“Fine.”

LET’S HELP TIMON.

भूमण्डलीय उष्मीकरण क्या है? इसके क्या कारण, इसके प्रभाव व निवारण के उपाय क्या है? सचित्र परियोजना कार्य कीजिए।

A decorative border surrounds the page. At the top, a bright yellow sun with rays is centered. Below it, several grey, rounded shapes resembling hills or clouds are scattered. On the left and right sides, there are green palm trees. At the bottom, there are orange and yellow shapes that look like coconuts or tropical fruits. The bottom edge of the border is wavy, and the background of the page is a light, pale yellow.

SCIENCE

“Hey, Kovu! It’s the first day of the summer holidays! Aren’t you excited?” Simba was bouncing up to his cousin Kovu.



“Forget about that! There’s no fun in this relentless heat. It is SOOO hot. Why don’t we have air conditioners like the humans?” complained Kovu.

“That is such a ridiculous thing to say,” laughed Simba. “You will have to get used to hotter days in the years to come.”



“Hotter? Hotter than 1000000°C?” exclaimed a shocked Kovu, sitting up straight.

Simba laughed. “It isn’t that hot, Kovu. You exaggerate too much. It is about to get hotter due to Global Warming.”

Kovu scrunched up his nose in an effort to pronounce the words, “GuluGulu Warming???”



“Global Warming!” repeated Simba.

“Pft. There is no such thing! Dad said so.” stated Kovu.

“What are you talking about? It is even mentioned in SDG number 13 – Climate Action, and we have to take this seriously,” claimed Simba.

Simba was starting to get annoyed with Kovu’s ignorance. “Fine! This has to be settled once and for all. Let’s ask Rafiki.”

“Did someone mention old Rafiki?”, came a mysterious voice.



Both the cubs looked around in shock.

“Haha. I’m right here, cubbies. Why are we talking about wise Rafiki?”, said a voice from the treetop.

“Were you spying on us, Rafiki?” smiled Simba knowingly.

Kovu spoke to Rafiki in a complaining voice, “Simba is trying to scare me about some Gobar Warning”

Rafiki chuckled “It’s global warming, little one, and of course it exists.”

“Well, my dad says it doesn’t. But if the wise Mandril says so, let’s see you prove it and if you don’t, my father can feed you to the hyenas.”, said Kovu defiantly.



“Uhhhh,” gulped Rafiki. “There is no reason for any of that. I have a simple experiment to prove it.”



LET’S HELP RAFIKI PERFORM THE EXPERIMENT SO HE DOESN’T GET FED TO THE HUNGRY HYENAS!!

Aim: To demonstrate the phenomenon of global warming.

Materials required: 2 glasses of equal size, plastic bag or cling film, marker, thermometer

Procedure:

- 1. Take 2 glasses of equal size and mark one as A and one as B.**
- 2. Fill both the glasses with 1 cup of cold water.**
- 3. Put five ice cubes in each glass.**
- 4. Wrap glass B in a plastic bag or cling film and seal it tightly.**
- 5. Place both glasses in the sun for one hour.**
- 6. After one hour, use a thermometer to measure the temperature of water in each glass.**

Observation Table:

Glass	Temperature
A	
B	

Result: The temperature of glass ____ is higher than glass ____.

The glass covered in plastic should be warmer because the bag will have trapped heat in the glass, in the same way, that greenhouse gases trap heat in the atmosphere.

INSTAGRAM WORTHY PHOTO

INSERT THE EXPERIMENTAL SETUP PHOTO HERE

WOW!!

A vibrant, tropical-themed border surrounds the page. At the top center is a bright yellow sun with rays. On either side of the sun are palm trees with green fronds and brown trunks. The bottom of the border features a wavy blue line representing water, with several orange flip-flops and small blue and white circles scattered along the edge. The background is a light, warm yellow.

MATHEMATICS



“HAHAHAHAHAHA” laughed Nala. “You’re such a clown, Simba.”

“I think it is time that the prince started to act like a king.”

“Oh, come on, Zazu. Live a little. I know everything there is to know about being king.”

“Oh, is that right?” smiled Zazu slyly. “Let’s see what you

know about Ethics.”

“Ask away,” challenged Simba.

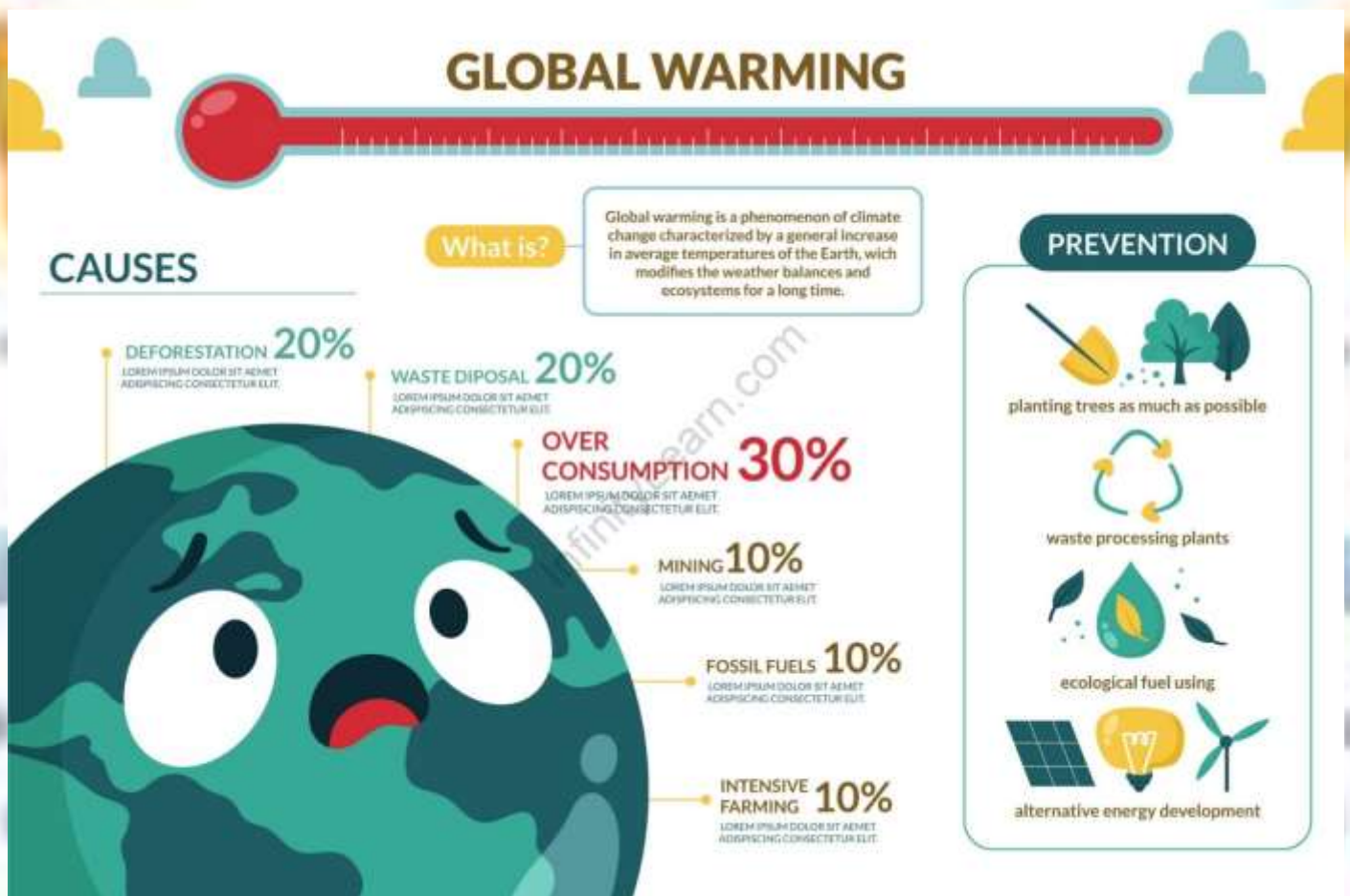
“A hyena stole a piece of meat from a lion friend of yours. Is this right or wrong?” riddled Zazu.

“Well, let me think,” pondered Simba. “I would say that stealing is wrong, but at the same time, a hyena is a scavenger and this is just what they do.”

“Well said, my lord. Very wise,” Said Zazu impressed. Now let me see if you can answer the following questions based on the given information in the photo.

“Bring it on” said Simba confidently.

HELP SIMBA PROVE TO ZAZU THAT HE TOO CAN BE KING ONE DAY.





I. Find the standard fractions for the following:

(i) Global warming caused due to deforestation

(ii) Global warming caused due to waste disposal

(iii) Global warming caused due to over consumption

(iv) Global warming caused due to mining

(v) Global warming caused due to fossil fuels

(vi) Global warming caused due to intensive farming

II. Find the decimal for the following:

(i) Global warming caused due to deforestation

(ii) Global warming caused due to waste disposal

(iii) Global warming caused due to over consumption

(iv) Global warming caused due to mining

(v) Global warming caused due to fossil fuels

(vi) Global warming caused due to intensive farming



III. Find the product of the following fractions:

(i) Global warming caused due to deforestation and waste disposal

(ii) Global warming caused due to waste disposal and over consumption

(iii) Global warming caused due to over consumption and mining

(iv) Global warming caused due to mining and fossil fuels

(v) Global warming caused due to fossil fuels and intensive farming

(vi) Global warming caused due to intensive farming and deforestation

IV. Find the sum of the following fractions:

(i) Global warming caused due to deforestation and waste disposal

(ii) Global warming caused due to waste disposal and over consumption

(iii) Global warming caused due to over consumption and mining

(iv) Global warming caused due to mining and fossil fuels

(v) Global warming caused due to fossil fuels and intensive farming

(vi) Global warming caused due to intensive farming and deforestation

V. Find the difference the following fractions:

(i) Global warming caused due to deforestation from waste disposal

(ii) Global warming caused due to waste disposal from over consumption

(iii) Global warming caused due to over consumption from mining

(iv) Global warming caused due to mining from fossil fuels

(v) Global warming caused due to fossil fuels from intensive farming

(vi) Global warming caused due to intensive farming from deforestation

**YOU IMPRESSED ZAZU! GOOD WORK! HE WILL
PUT IN A GOOD WORD, ABOUT YOU, TO MUFASA.**



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SOCIAL SCIENCE

On one particularly hot and humid day, Timon and Pumba decide to visit a pond in a nearby oasis. As they relaxed in the water, their friend Simba and Nala decided to join them. “Ahhhhh,” said Simba. “This is the perfect remedy on a hot summer’s afternoon.”



“Hey! Do you think they have ponds like this in the major cities around the world?” asked Pumbaa.

“Of course not! That is the brilliance of mother nature, isn’t it?” claimed Timon stubbornly.

“Did you know that even the UN has an SDG that is related to water? It’s the sixth goal, called Clean Water and Sanitation”, claimed Simba.

“Yeah? What is it about?” enquired Nala, lazily with her eyes closed.

“It talks about how over the past 300 years, over 85% of the world’s wetlands have been lost. Apparently, 733+ million people live in countries where they deal with high levels of water stress.” Said Simba in a hushed whisper.

“What is water stress?” asked Timon, delving deeper into the topic at hand.

“It means that there is more demand for water than the amount available. Meaning, many people do not even have access to water at all!” exclaimed Simba.

“But, that’s terrible,” shouted Nala, her eyes wide open with a mixture of shock and fear.



“It sure is. By 2030, they want to achieve universal and equitable access to safe and affordable drinking water for all”, continued Simba.

“Do you think that our pond and waterfall could run out of water too? What about all our memories there?” asked Timon starting to look slightly worried by the conversation.



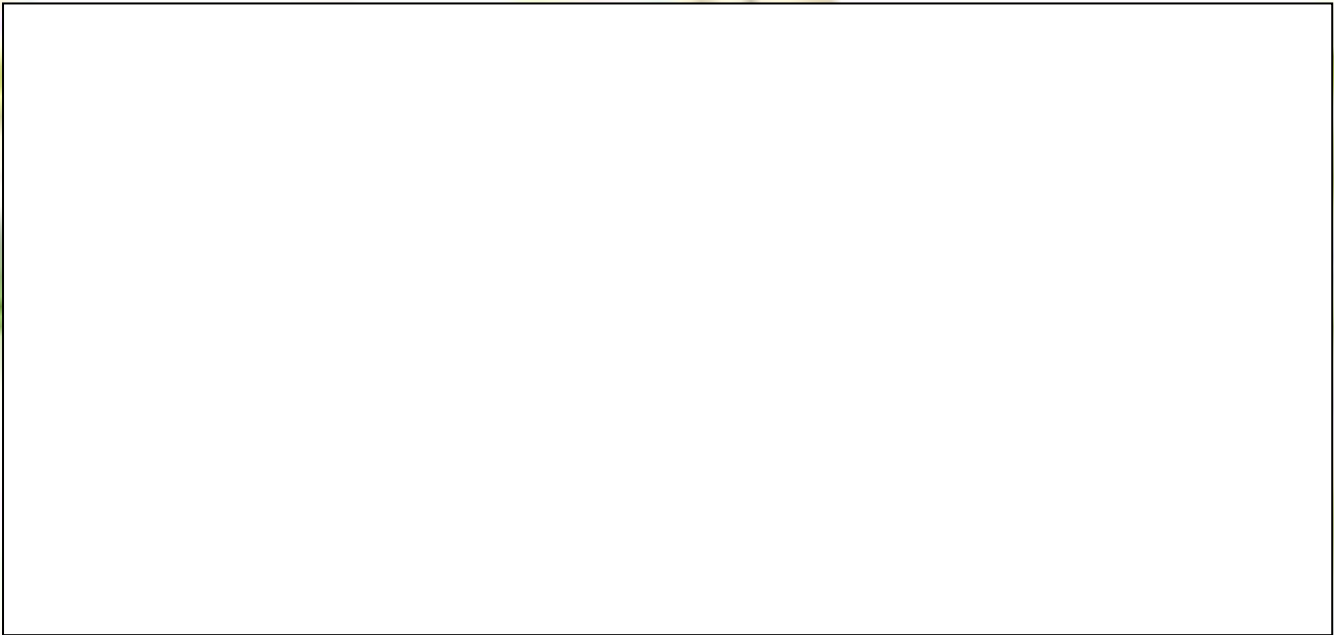
“It is possible. Haven’t you heard of the story behind Agresen ki Baoli?” asked Simba.

“No. Where is that? What is that?” asked Pumba.

“Well, let me tell see if I can remember all about this wonderful monument in Delhi, India.”, said Simba with a dreamy look in his eye.

LET’S HELP SIMBA REMEMBER ALL THE FACTS ABOUT AGRESEN KI BAOLI TO TELL HIS FRIENDS.

Activity 1: Visit Agrasen ki Baoli and insert the photo here:



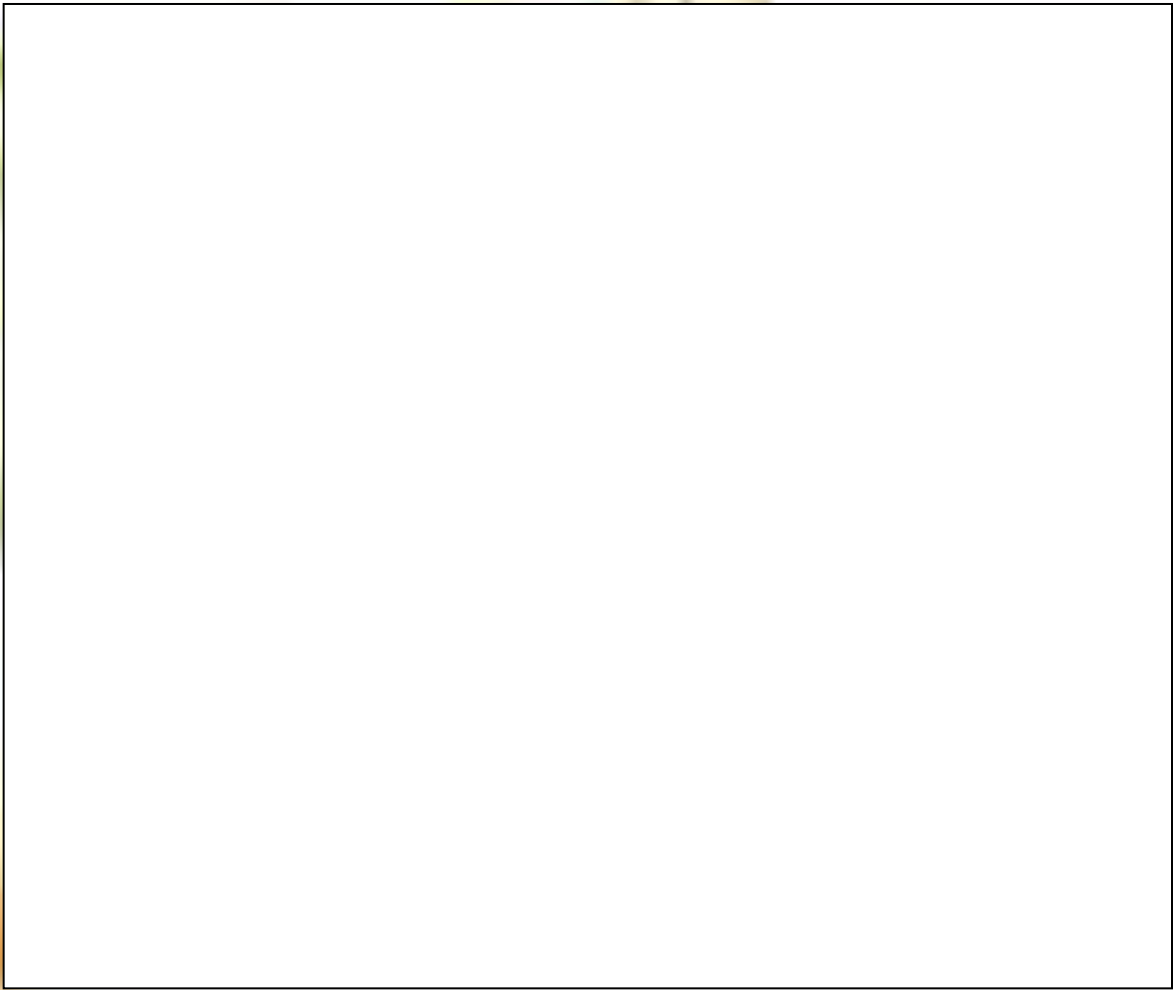
Activity 2: Answer the following question

A medieval ruler named _____ was believed to have constructed it. It was believed to have been constructed by him, in the year _____. But later on, when the Mughals entered India it was believed that the _____ or _____ dynasties had modified it in _____ for their own use.

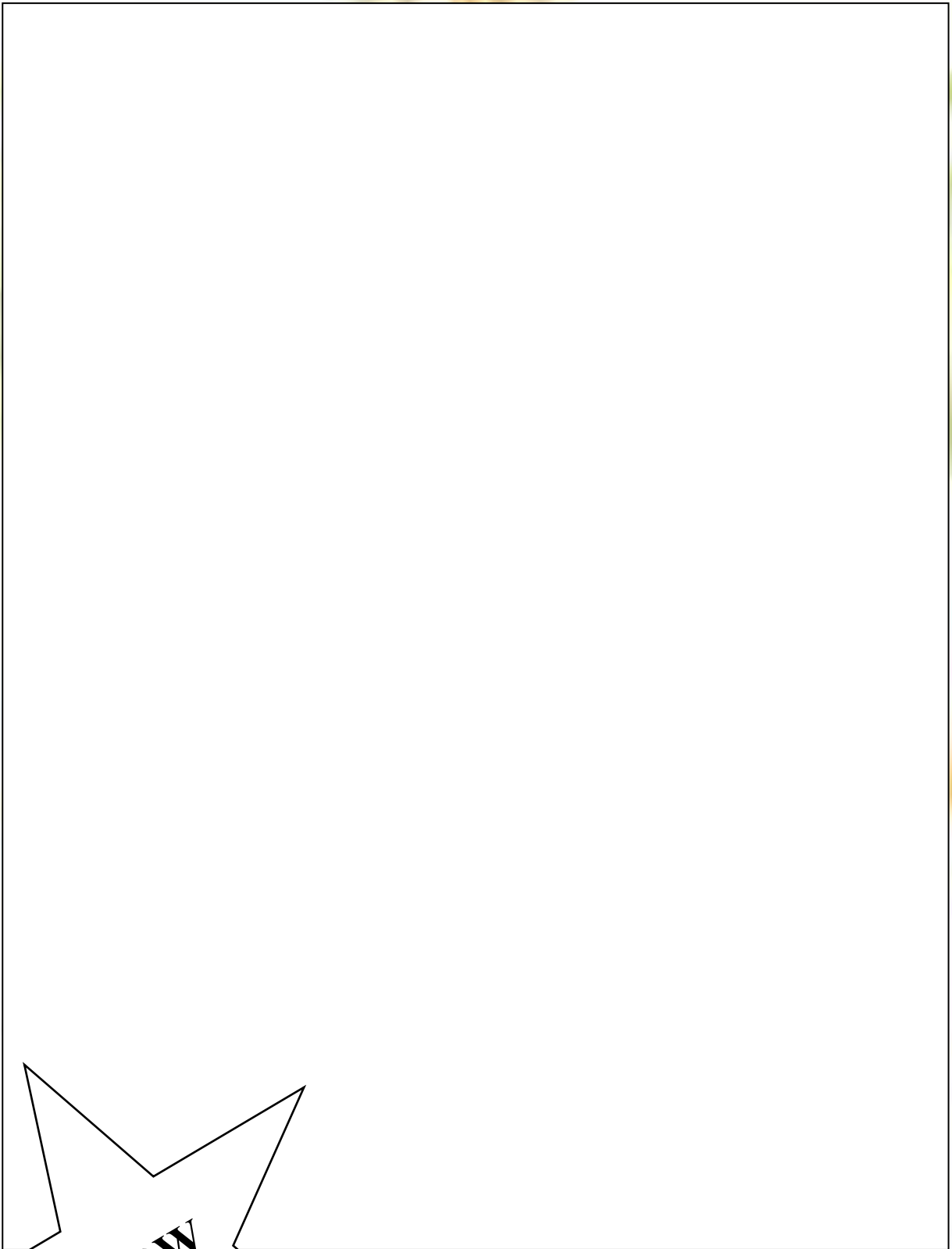
But today, the monument is for a fact, being protected by the _____
_____ Act of 1958 by the _____
_____ government body. This body protects monuments all over Delhi and India.

The Baoli itself has _____ steps to go to the bottom and the walls are made to _____. This type of stone was commonly used in many monuments in and around India because it is helpful in _____ the _____ following _____ ways.

Activity 3: Stick a photo of the monument stairwell.



Activity 4: Make a sketch with the previous photo as a reference, showing how the Baoli would look filled with water



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FRENCH

“But how are they going to do that?” asked a cub curiously.

“By trying to achieve the Sustainable Development Goals (SDGs). It is a list of 17 goals to achieve a better and more sustainable future for all by 2030.”, said Zazu sir in a matter of fact manner.

“What are the goals?” asked a cub inching closer to the teacher.

“That is for you to research and find out”, said the teacher smartly.



“Hah! This is easy!” exclaimed a cub defiantly.

“Is that so?? Then let’s see you show me what you get to know.” challenged Zazu sir taking his seat on a nearby rock.

OH NON! NOUS DEVONS AIDER LES LIONS CUBES À PROUVER À ZAZU SIR QU'ILS SONT CAPABLES DE TROUVER LES RÉPONSES. CE QUE NOUS DEVONS FAIRE EST DE RECHERCHER LES 17 ODD, TRADUIRE LES ODD DONNÉS EN FRANÇAIS ET DESSINER L'ICÔNE POUR CHACUN DES OBJECTIFS AVANT LA FIN DU TEMPS ! HÂTE! COMMENÇONS LE TRAVAIL ! JE VOUS DONNE UN EXEMPLE CI-DESSOUS POUR VOUS MONTRER COMMENT C'EST FAIT.

OH NO! WE NEED TO HELP THE LION CUBS PROVE TO ZAZU SIR THAT THEY ARE CAPABLE OF FINDING OUT THE ANSWERS. WHAT WE NEED TO DO IS TO RESEARCH THE 17 SDGS, TRANSLATE THE GIVEN SDGS INTO FRENCH AND DRAW THE ICON FOR EACH OF THE GOALS BEFORE TIME IS UP! HURRY! LET’S START THE WORK! I HAVE GIVEN YOU AN EXAMPLE BELOW TO SHOW YOU HOW IT’S DONE.



ORIGINAL



WHAT WE NEED TO MAKE

GOAL 4 QUALITY EDUCATION

GOAL 5 GENDER EQUALITY

GOALS 6 CLEAN WATER

GOAL 13 CLIMATE ACTION

GOAL 14 LIFE BELOW WATER

GOAL 15 LIFE ON LAND

GOALS 16 PEACE AND JUSTICE

GOAL 17 PATNERSHIPS

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ENGLISH

“Aaaaaah, grubs”, sighed Timon as he found a bounty of delicious insects hidden beneath a leaf.

“Ewwwwwww. Do I have to eat this?” complained Simba.

“*Have to? Why wouldn’t you want to?*”



“Maybe because they are INSECTS?” said Simba utterly disgusted by the thought of swallowing any of these colourful insects.

“But that’s the best part!” said Timon excitedly. “Some are crunchy, some are squishy, some are –”

“STOP before I get sick”, said Simba looking green all of a sudden.

“You know, you all should be thankful that we live in an oasis with plenty to fill our tummies”, came a voice behind Simba.

Timon and Simba turned around to see Simba’s uncle Scar sauntering over.



“There was a time when we had nothing to hunt. I am a lion and all I could find at times was a mouse to eat! You tell me how a mouse would be enough for a mighty lion like myself,” shouted Scar.

“No food? How is that possible?” asked Timon shocked.

“It’s all because of this global warming!”

“I don’t understand how this is connected.” replied a confused Simba.

“Gather the animals and I shall tell you all,” said Scar mysteriously.



LET’S HELP SCAR TELL ALL THE ANIMALS ABOUT HOW GLOBAL WARMING CAN AFFECT THE AVAILABILITY OF FOOD. WRITE A STORY THAT SCAR WILL TELL THE ANIMALS ON AN A4 SIZE SHEET OF PAPER AND ATTACH IT AFTER THIS PAGE. ALSO MENTION WHICH SDG IT INVOLVES.

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CRAFTS



“SIMBA!! How could you?” came a shrill voice behind Simba.

Simba jumped **“What? I was not doing anything.”**

“Do not lie to me, dad. I saw you. How could you possibly use a plastic bag in this day and age?” shouted Kiara.

Simba saw no way out of this. **“I – I could not find anything else. It was urgent.”**

“What was so urgent that you were ready to pollute the planet for the sake of this? Do you know how many years it takes to degrade? It pollutes the planet and adds to global warming!”



“Okay, Kiara! You win. I’m sorry I couldn’t think of anything else at the moment,” Simba bowed his head in shame.

“How about a paper bag?” suggested Kiara feeling guilty.

“I am an old cat, Kiara. I don’t know how to make that.” Said Simba.

“Why don’t we watch a Youtube video together and learn to make one together? It’ll be some nice bonding time for us.” Said Kiara smiling at her dad.

“Okay. You bring out the best in me, kiddo.”

“I love you, dad”



MAKE A PAPER BAG WITH AN ORIGAMI SHEET OF PAPER.

STICK YOUR PAPER BAG HERE



ART



“Kovu?” said Kiara timidly.

“Yes, bestie?” asked Kovu.

“My father’s birthday is coming up. Maybe we can get something for him?”

“Why don’t we just hunt him a nice zebra and let him feast?” suggested Kovu helpfully.

“That is barbaric. I thought it would be more thoughtful if we could make something

for him?”

“Wow! Like a painting? I would love that!” exclaimed Kovu excitedly.

“I was thinking about painting him a picture of his home and kingdom of which he is the rightful king,” said Kiara thoughtfully.

“That sounds like an amazing idea. Let’s go get started.”

HELP KIARA AND KOVU MAKE SIMBA’S BIRTHDAY SUPER SPECIAL BY MAKING A DRAWING /PAINTING (IMAGE ATTACHED) OF PRIDE ROCK, WHERE SIMBA IS THE LION KING!

