

**NRI City
Mainawati Marg
Kanpur**



**D. GOENKA
SCHOOLS**

**HOLIDAY
ENGAGEMENT**



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GOENKAN HOLIDAY ENGAGEMENT CLASS II (2022-23)



Summer holidays, time to have fun,

Relax, play with friends and also learn!

Time to bond with grandparents too,

Be a helping hand at home , that's what you should do!

Let's Learn new skills, create, read and write,

Do it yourself, you are responsible and bright!

Little Goenkans - soar high,

Higher, Stronger , Brighter - you'll touch the sky !!

Dear Parents,

With the summer temperatures soaring high, children look forward to vacation when they can relax , play with friends, travel and spend undivided time with family.

To ensure that the children stay safely indoors and have a constructive downtime - Goenkan Holiday Engagement has been designed. The mini projects will certainly keep the children active, observant and occupied.

The projects are an excellent way to build 21st century skills; Collaboration, Effective Communication, Creative & Critical Thinking and eventually allow them to be an aware Global Citizen. They are age - appropriate in nature and are an extension of the skills learnt at school. The teachers have explained them to students, nevertheless, we urge you to guide and encourage your child to do them independently.

We also request you to compile the projects and worksheets in a folder. We will be very happy to review them, display them and discuss them in class once children are back.

Eat well, sleep well and stay happy! See you soon!

Regards,

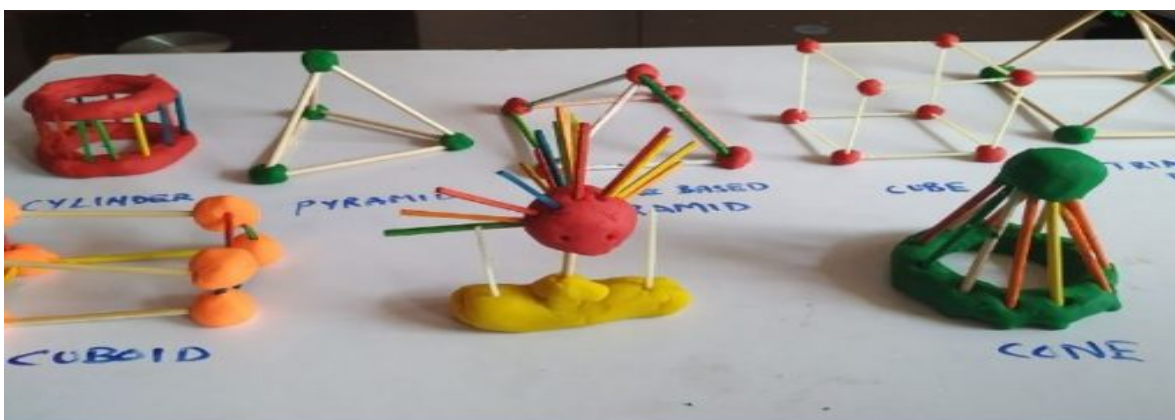
Ms S. Luther

Principal

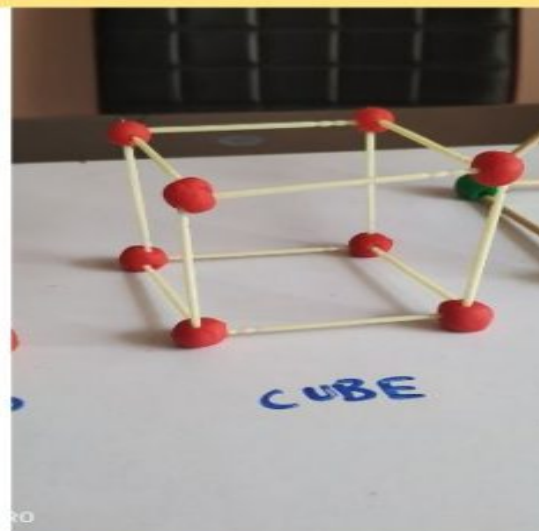
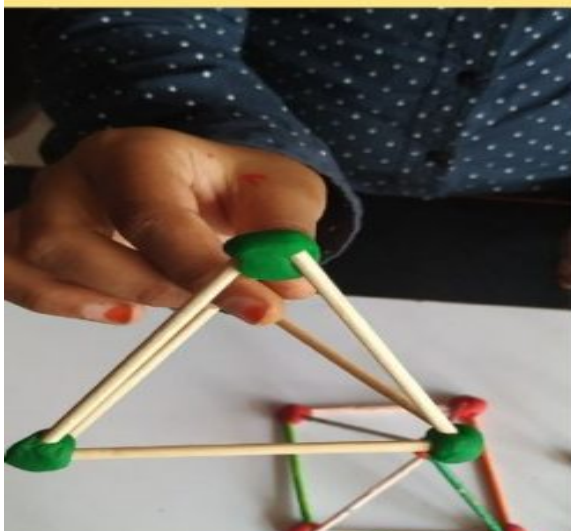
Day 1: Activity to develop Critical thinking, visual thinking, analysing, evaluating, problem solving.

Budding Architect : (STEM ACTIVITY)

- Make use of matchsticks or toothpicks to join the edges using tape or play dough to **build a 3D structure**.
- Join parts together such that your structure can stand and balance.
- Write down the process of making your structure on recording sheet 1.



**3D Shape Activities
For Kids**



Day 2: Activity to develop scientific temperament, analytical skills.

Weather Log:

- Find out the temperature of your city daily
- Look outside your window and see the sky- Will it be a sunny, cloudy or a rainy day?
- Compile this data and make your own weather chart.
- Refer to record sheet 2 and record your data on it.



Day 3: To develop critical analysis and data processing, scientific temperament, observational skills and comparative analysis.

That's how our teeth decay!

- Take 5 transparent glasses and pour tea, cola, water, and vinegar and lemon juice in each of the glasses.
- Add a hard-boiled egg to each glass.
- Leave for 2-3 days.
- Place all the glasses in the fridge after about 12 hours
- Observe the difference in all the eggs
- Record your observations on record sheet 3.
- You can click pictures also and present along with your observations



Day 4: To develop self-awareness, motor skills, creativity.

Skip, skip to my Lou, my darlin'!

- Take your skipping rope and skip away to good health!!
- Keep a daily record of your skips, hops and jumps.
- Refer to record sheet 4 and fill it each day.



Day 5: To develop communication, creativity, collaboration and citizenship

There's a lot of good in me!

Acts of kindness have the potential to make the world a happier place.

I can make a difference too!

- Take a scrap book and make "The Best Of ME" - journal
- You may draw or click and paste pictures and record all the good deeds you do!

The best of ME

	1	2	3	4	5	6
1	Last time you helped someone 	Something you learnt this month 	Who is the person that makes you laugh the most? 	What do you feel like eating today? 	Your favorite part of your body 	CHOOSE A QUESTION
2	Next cool plan that you will make 	CHOOSE A QUESTION	Last cool plan that you made 	Something you are very good at 	Last gift you have been given 	Something you thought you would never do but in the end you did 
3	CHOOSE A QUESTION	Last time you said thanks 	Something that you used to be scared of but not anymore 	Song that puts you in a good mood 	Something you would do if you were not afraid 	Something that has made you laugh today 
4	In which subject do you get good marks? 	Last problem you have solved 	Favorite day of the week Why? 	CHOOSE A QUESTION	Last gift you gave to someone 	A job you think you would be great at 
5	Something you learnt this week 	What is your favorite hobby? 	What would be your ideal gift? 	Favorite month of the year Why? 	CHOOSE A QUESTION	Tell the classmate beside you their best quality 
6	Last time you made a complaint Was there a solution? 	Last time you made a big effort 	CHOOSE A QUESTION	What subjects are you good at? 	Something you learnt last year 	If the genie appears ... Make three wishes 

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Day 6: To develop scientific temperament, critical thinking, observation, curiosity, experimenting and analytical skills.

THAT'S HOW A VOLCANO ERUPTS!!

Getting Ready:

- lemons
- butter knife
- spoon
- measuring cup,
- baking soda,
- Food colouring.

Try it!!

- Cut the lemon from the top
- Carve out the inside of the lemon
- Add food colouring
- Fill with baking soda
- Poke with knife to mix
- Watch it go!
- You can try with different citrus fruits
- Draw, colour and label the volcano on Record sheet 5.





Day 7: To develop scientific temperament, critical thinking, observation, curiosity, experimenting and analytical skills.

Why does my apple turn brown when left cut?

(APPLE OXIDATION -food browning)

Put apple slices in different solutions to find out which one is the best at preventing the apples from turning brown.

Getting ready:

- Apple slices
- A variety of liquids. Here are what we used, but feel free to use whatever you have around the house:
 - Diluted lemon juice
 - Salt water
 - Baking soda water
 - Vinegar
 - Milk
- Small containers
- Paper and pen for labelling

Try it!!

- Cut out small pieces of paper and write the name of the liquids you are going to test.
- One of them should be “air” for your control variable.
- Pour all liquids into separate containers and label them.
- Place an apple slice in each container so that it’s submerged in the liquid.
- Wait a few minutes and take out the apple slices.
- Place the apple slices on a plate and put the corresponding labels next to them.

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Day 7(continued):

- Wait an hour and check on the apples. Observe and record the progress of oxidation.
- Wait a couple more hours and check on the apples and record any new observations.
- Leave your apple slices for a total of 5 hours. Check how brown the apple slices are and record observations on the observation sheet 6
- **Base your observation on:**
 - Which apple slice turned brown the fastest or the slowest?
 - Did any of them turn brown really fast but then stayed the same colour by the end of 5 hours?
 - Did any of them turn brown slowly and end up the darkest brown by the end of the experiment?



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Day 8: To develop communication, citizenship, collaboration and coordination.

I make good choices:

I follow a routine, I read to lead and so much more!!

Put a star when you achieve one routine.

Read 30 minutes	Clean your room	Help your mom	Play outside	Play a board game
Do something kind	Read 30 minutes	Colour or draw a picture	Exercise for 30 minutes	Help your dad

Day 9: To develop mathematical skills, communication skills and collaboration

Counting, rolling, stacking

- Roll a dice
- Identify the number on the dice and stack as many coins or counters.
- Roll the dice again and add as many coins or counters to the stack.
- Estimate the number of counters you can stack before it falls.
- Add whenever you put more coins or counters.
- Subtract whenever the coins or counters fall.
- Be innovative and include more mathematical operations in your game..
- Enjoy playing this game with your family and friends!!



Day 10: To develop scientific temperament, critical thinking, observation and curiosity.

Build a paper Rocket

Make a paper rocket by blowing it into a drinking straw.

Getting ready:

- Papers
- straws,
- scissors,
- tape

Try it!! :

- Fold the paper into fourths
- Cut along the folds
- Roll paper around the straw. Not too tight
- Tape to hold in place
- Pinch one end to make the nose and tape it from that end
- Cut out triangles to make fin and tape them to the back end.
- Place rocket on to straw and blow.

Base your observation on:

- How far does it go?
- Does it fly straight or does it tumble in mid-air?

Launch your rocket a few more times to see if it flies the same way. Record all flight distances on record sheet 7. Be sure to launch it from the same place each time, and measure till the landing spot with a tape measure.



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Record Sheet 1:

Name: _____

CLASS II: _____

Date: _____

Process of making:

Number of toothpicks or matchsticks used:

Shape formed:

Number of edges in the shape:

Draw the structure you have made:

Record sheet 2: Weather Log

Name: _____

CLASS II: ____

Date: _____

What Is the Weather?

Our Weather Graph for _____ Month.

NUMBER OF DAYS

20				
19				
18				
17				
16				
15				
14				
13				
12				
11				
10				
9				
8				
7				
6				
5				
4				
3				
2				
1				

SUNNY



PARTLY SUNNY



CLOUDY



RAINY



SNOWY



WEATHER



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Record sheet 3: Tooth Decay Observations:

Name: _____

CLASS II: _____

Date: _____

Liquid	Changes after 1 day	Change after 2 days

Final Observation:(With pictures)

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Record sheet 4:



Name: _____

CLASS II: _____

Date: _____

Days	Total number of skips
Day 1	
Day 2	
Day 3	
Day 4	
Day 5	
Day 6	
Day 7	
Day 8	
Day 9	
Day 10	

On which day could you skip maximum number of times? _____

On which day could you skip minimum number of times? _____

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Record sheet 5:

Name: _____

CLASS II: _____

Date: _____

My Volcano

Label and colour it:

Record sheet 6

Name: _____

CLASS II: ____

Date: _____

What Keeps an Apple from Turning Brown?

Prediction: _____



Observations:

Results:

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Record sheet 7:

Name: _____

CLASS II: ____

Date: _____

Number of Launches	Flight Distance