

# CURRICULUM INPUTS FOR CLASS 5 (2018-19)

## FOR THE MONTHS OF APRIL-MAY

### ENGLISH

- Recalls the definition of noun.
- Classifies the noun into its various types-proper, common and collective {as learnt in the previous class}
- Defines abstract noun and learns to differentiate it from concrete nouns.
- Relates the definition of abstract noun to real life examples.
- Lists abstract noun into various categories like: emotion/feelings/ideas/events/attributes.
- Illustrates pictorially the learnt concept of abstract nouns.
- Understands the formation of abstract nouns from verbs, common nouns, adjectives.
- Recalls the definition of pronouns from memory of previously learned material.
- Classifies pronouns into its various types: Personal, reflexive, demonstrative, interrogative, indefinite, distributive, and relative
- Understands the usage of the various types of pronouns to bring out its meaning in a specific context.
- Defines 'synonym' and 'antonym'
- Identifies synonyms and antonyms in text.
- Demonstrates their understanding of synonyms and antonyms in active learning.
- Understands the importance of sequencing of events.
- Learns to write a diary entry based on experience or a fictional event.

### HINDI

- ✓ वर्णमाला की पुनरावृत्ति करना ।
- ✓ भाषा का ज्ञान ।
- ✓ शब्दों का वर्ण - विच्छेद करना ।  
जैसे - पत्थर - प् + अ + त् + थ् + अ + र् + अ
- ✓ अनुस्वार वाले शब्दों व अनुनासिक वाले शब्दों की पुनरावृत्ति करना ।  
जैसे - पंखा , कंघी , चाँद, दाँत
- ✓ संज्ञा के भेदों की पुनरावृत्ति करना (व्यक्तिवाचक, जातिवाचक , भाववाचक ) ।

- ✓ लिंग परिचय , लिंग परिवर्तन ।
- ✓ वचन बदलना ।
- ✓ विभिन्न पाठ्य-पुस्तकों से पढ़ना ।
- ✓ नियमित रूप से श्रुतलेख करना ।

## MATHS

### TOPIC :- NUMBER SYSTEM

- Recalls how to read and write numbers up to 6 digits (including smallest and largest 6-digit numbers)
- Learns to read and write numbers up to 7 digits in Indian and International system.
- Demonstrates their understanding of the Place value and Face value for the given numbers.
- Compares the given numerals and arranges them in ascending or descending order.
- Differentiates the place value of given numbers according to the Indian and International system.
- Learns to form smallest and largest numerals from the given digits.
- Solves the problems related to large numbers by applying the knowledge of learnt operations like addition, subtraction, multiplication and division.
- Comprehends and solves word problems involving all the operations based on real life situations with large numbers.
- Demonstrates their understanding of word problems by framing word problems on various operations related with large numbers.
- Estimates (Rounding off) the given large numbers to nearest 100's, 1000's and 10000's.
- Converts km to m, m to cm, cm to mm, kilogram to gram ,kilolitre to litre, litre to ml and vice - versa.

### Topic : ROMAN NUMBERS

- Understands how to read and write Roman numbers.
- Solves problems related to Roman numerals using simple mathematical operations.

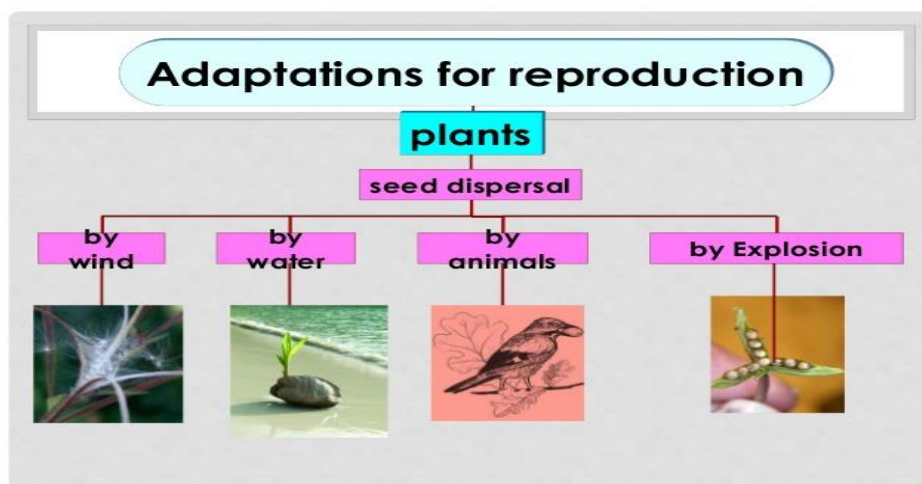
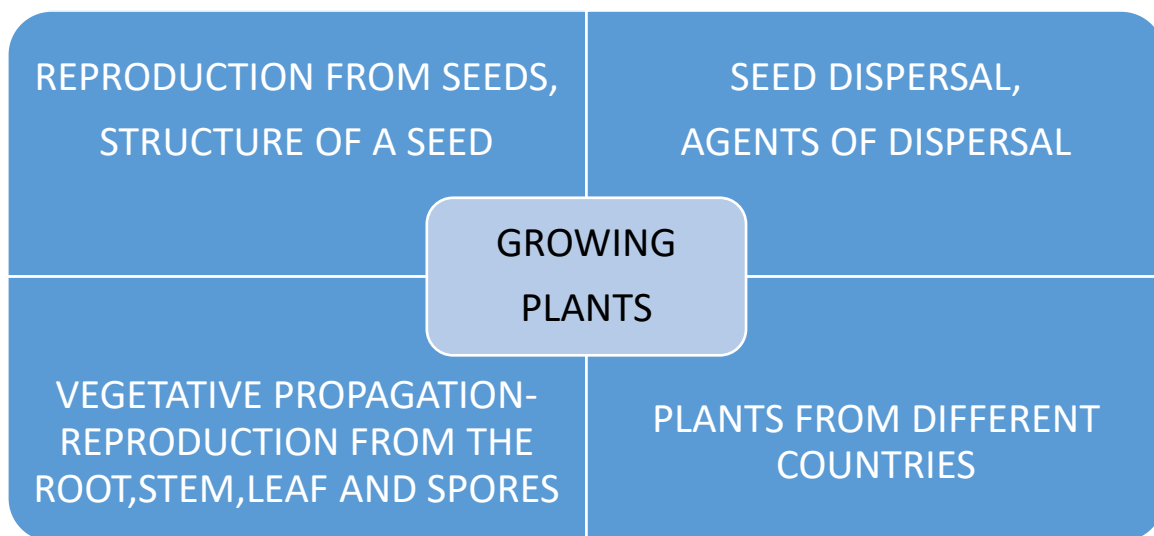
### Topic : Basic Geometrical ideas

- Recalls the properties of 2-dimensional shapes .
- Demonstrates their understanding of point, line, line segment and ray by applying the learnt concepts to given situations.
- Constructs a line segment of given length using a plastic ruler.

## E.V.S.

### Theme: Plants

- Discusses and understands how flowering and non-flowering plants reproduce.
- Observes the germination of seeds under different conditions.
- Observes, draws and labels, the seed structure and lists the functions of its different parts.
- Understands the importance of seed dispersal.
- Knows how plants reproduce from other parts of a plant.
- Knows about plants from different countries.



- Discusses the beginning of agriculture and cultivation of crops.
- Recalls the stages in farming and methods of improving soil fertility.
- Learns about farming in India, subsistence farmers, seasonal migration and changing food habits.
- Discusses the meaning of forests and their importance.

- Learns about the tribal life, threats faced by tribal communities and protection of tress/forests.
- Recalls the process of photosynthesis in green plants.
- Learns about some special plants like- non-green plants, insectivorous plants, parasitic plants.
- Summarizes the relationship between plants and animals through food chain and food web.

## SANSKRIT

- धातुरूप लट् लकार (वर्तमानकाल)
- शब्द - पठ् , लिख् , हस् , खाद् , धाव् ।
- पुल्लिङ्ग शब्द - तीनों वचन
- श्लोक - देहिनोऽस्मिन् यथा देहे .....
- कार्ययोजना - 9
- धातुरूप लृट् लकार (भविष्यत् काल)
- शब्द - पठ् , लिख् , हस् , खाद् , धाव् ।
- कार्ययोजना - 2

## CLAY

- \* Composition-making anything of his/her choice.
- \* Pottery wheel - understands about a potter's wheel, kinds of wheels used and its working.
- \* Human body - learns how to use clay to show divisions of human body.
- \* 3 D head - learns how to use clay to make a 3-D representation of a human head.

## CRAFT

- 1.Makes an envelope with cutting, pasting and folding activity.
2. Creates a tree with hand impression (Earth day).
- 3.Creates a family collage (cutting- pasting activity)

4. Creates a model of respiratory system with waste materials.

## ART

- Writes name and class with BOLD letters and decorates it beautifully.
- Writes and decorates a small quote on 'art' by Picasso.
- Learns about the geometrical composition of primary and secondary colours.
- Draws and colours about Earth Day. (Show how to save our beautiful earth.)
- Draws about his/her favourite baby animal with its parent and makes it interesting with various colours.
- Memory drawing composition- Draws about places they go for holidays and having fun.

## COMPUTER

Characteristics and Evolution of Computer

1. Early Calculating Device
2. Evolution of Computer
3. Characteristics of Computer

Data storage Device

1. Input and output device
2. Memory
3. Binary Digit



Practical: Students will make a presentation on Evolution of computer and data storage devices.

## SUGGESTED ACTIVITIES

### ➤ English

For this abstract noun activity, you will need to create a list of 40 to 50 abstract nouns and give your child access to several age-appropriate

magazines. They will need to use scissors and glue to successfully complete the activity.

Cut out the words on the list and have your child select one of the abstract nouns at a time. Ask him to define the abstract noun, then look through the magazines for pictures that demonstrate the word chosen. He/she will then cut out the magazine pictures and glue them onto cardboard paper/notebook to create a collage.

### ➤ Maths

1. Use your Atlas to find out population of Delhi ,Chennai , Kolkata and Mumbai .Write them in words both in Indian and international system.

### 2.Game

Guess the number!

- Ask your friend to think a four digit number ,e.g 6289.
- Now, ask him to add all the digits-  $6 + 2 + 8 + 9 = 25$
- Then, ask him to subtract the sum of digits from the number .  
( $6289 - 25 = 6264$ )
- Ask him to tell you all the digits after subtracting except one.  
e.g. He tell you 6,6 and 4, but hides 2.
- You can guess the hidden digit!
- Just add the digits he told you  
( $6 + 6 + 4 = 16$ )
- What will you add to 16 to get the nearest next multiple of '9'?  
i.e what will you add to 16 to get 18  
'2'
- '2' is the hidden digit !
- Find out how it is possible?

### ➤ हिंदी

अपने माता-पिता की सहायता से कुछ पर्चियाँ बना लीजिए । अब उन पर्चियों पर एक- एक स्थान का नाम लिख लीजिए, जैसे - खेल का मैदान , बगीचा, रेलवे स्टेशन , स्कूल आदि । अब इस खेल को कुछ प्रतिस्पर्धियों के साथ खेलें। दो मिनट के समय में चुनी गई पर्ची वाले स्थान के बारे में सभी प्रतिस्पर्धी जितने संज्ञा शब्द सोच सकते हैं, उन्हें लिखें । फिर गिनकर देखिए कि किसने सबसे ज़्यादा संज्ञा शब्द लिखे । अब सभी संज्ञा शब्दों को एक

तालिका में व्यक्तिवाचक संज्ञा , जातिवाचक संज्ञा और भाववाचक संज्ञा के नाम के नीचे चुनकर लिखिए ।

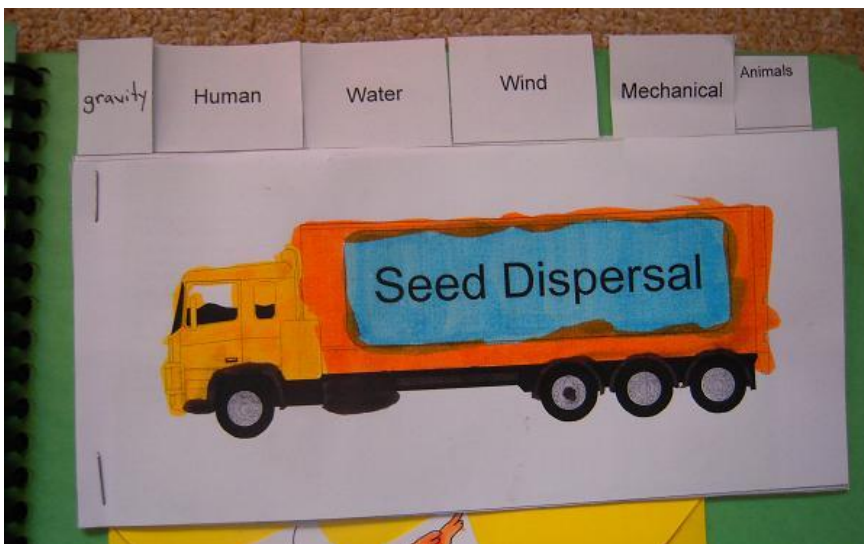
➤ E.V.S.

### 1. Making bottle gardens.( Students will help understand vegetative reproduction.)

Select big plastic bottles with a wide mouth. Place pebbles and sand at the base of the bottle and cover it with soil (potting mixture). Place a carrot top , a potato, a sweet potato and a stem cutting of a money plant at about an inch deep in the soil in different bottles. Keep it in indirect sunlight and keep the soil moist by watering it from time to time. (you can grow anyone of these or all of these and hang the bottles on the branches of a tree with a wire).

### 2. AGENTS OF SEED DISPERSAL. (Students will help understand that since plants cannot move ,they have developed strategies to spread their seeds far and wide.)

Create a booklet which shows different ways wind, water, animals, humans, and seed shapes can contribute to seed dispersal using colourful pictures or illustrations. Give an interesting name of your choice-HOW SEEDS TRAVEL, TRAVELLING SEED etc. Try and design a seed dispersal technique of your own.



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