

SENIOR K.G. SYLLABUS -JUNE

JUNE

Project: Community Helpers

Information to be given-

Who are community helpers?

The people who help us in different kind of work are called community helpers. e.g. baker, florist, sweeper, mechanic, plumber, milkman, electrician, farmer, green grocer, watchmen, porter.

Names of the tools and gadgets used by community helpers.- spanner, saw, screwdriver, hammer, sickle, spade, hoe, weighing scale, spatula, oven, etc.

Concepts: hardworking-lazy

Value Education: Be polite and respect all community helpers.

Rhymes & Songs : Related to the project from “Rhymes and song book”

Academics:

Language: Orals: Revision of phonics and recognition of capital and small alphabet.
Reading of all vowel blends and ‘a’ vowel words.

Written : capital A – Z, small a – z and Aa – Zz.

Number Work: Orals: Revision of numbers 1-10 (for values).
Saying numbers 1-100.

Written : Numbers 1-20.
Find odd one out,
Count and write the correct numbers.

JULY

Project Myself

Information to be given and new words to be introduced –

Myself:

Child's name and gender, parts of the body. Names of fingers – thumb, index finger, middle finger, ring finger, little finger.

Sensory organs and their functions: Eyes – see, Nose – smell & breathe, Ears – hear, Tongue – taste, Skin – touch and feel.

Personal hygiene.

My Family: Members of my family – Family tree to be explained – Grandfather, Grandmother, Father, Mother, Brother, Sister, Uncle, Aunt, and Cousins.

Types of Family: Nuclear Family (small family), Joint Family (big family).

My House: Place where I live – The child should be able to tell his address.

Types of Houses: Hut, Bungalow, Flats, Special Houses like igloo, tent, tree house, bamboo-house, house-boat, stilt house, different rooms in the house.

My School: Name of the school, Principal, Headmistress, Supervisors, Teachers, Class, Division, and different areas in the school like lobby, office, library, nursery hall, corridor, computer room, etc.

What do I do at School?

Learn to read, write, draw, sing, dance, play. I also learn good manners and many other interesting things at school.

My City: Name of the city – Pune.

Special Sites:

Sinhgad Fort, Katraj Snake Park, Shaniwar Wada, NDA, Khadakwasala Dam, Saras Baug, Bund Garden, Parvati Temple.

Concept: Tidy-Untidy, Salty-Sweet-Sour-Bitter, Pleasant-Unpleasant Smell, Happy-Sad

Value Education: 1) Healthy habits, 2) Good Manners like respect and honour elders, 3) magic word sorry, please, thank you, excuse me.

Rhymes: Related to project from “Rhymes and Song books”.

Academics: Language: Orals: Recognizing of vowels and consonants.
Reading of three letter words with vowel 'o'.

Written: "a" vowel blends and words.
"a" vowel rhyming words.

Number Work- Oral: saying numbers 1-100,

Written : Numbers 21-30, 31-40, 41-50.
Dodging numbers
Pairing,
Count & write (1-10).

AUGUST

Project: Water & Rain

Information to be given –

Sources of water – Rain, River, Pond, Lake, Well, Reservoir.

Water Cycle:

The hot sun rays fall on water and the water from the rivers, lakes and sea becomes hot and evaporates. The vapours go up high in the sky to form clouds. The clouds get heavy with water and dash against each other. We hear thunder, see lightning and the water in the clouds, condenses into water drops. These drops of water come down as rain. This process which takes place again and again is called as water cycle.

Uses of Water: Drinking, cooking, washing, bathing, putting off fire. Plants and animals also need water.

States of Water: solid-ice, liquid - water, gaseous-vapour, elaborate the term freezing.

Properties of Water: colourless, tasteless, and odourless

Science Experiments: States of water, water cycle, Purification of water.

Concept: 1) soluble – insoluble
2) floating-sinking
3) wet-dry
4) full, half, empty

- Value Education:** 1) Do not waste water.
2) Close the tap tightly after use.
3) Always drink clean and pure water.
4) Do not throw waste material in lakes, canals and rivers, etc.

Rhymes: Related to the project from “Rhyme and Song book”.

Academics:

Language: Oral: Reading of “i” vowel words

Written: “ o” vowel blends and words
“o” vowels rhyming words
“i” vowel blends.

Number Work : Revision of numbers 1-50.
Writing of 51-60
What comes after (1-10).
Count & write (11-20)

Suggested Activity : Visit to Khadakwasla Dam & Parvati pumping station.

SEPTEMBER & OCTOBER

Project: Plants and Flowers

Information to be given -

Plants: Plants are living things that grow. Plants make their own food with the help of air, sunlight and water.

Germination: When we sow a seed in the soil, it starts sprouting with help of air, water, and sunlight. The shoot grows above the ground and the roots grow under the ground. This process of seed developing into a sapling is called germination.

Parts of a Plant / Tree and their functions: Roots, stem/trunk, branches, leaves, buds, flowers, fruits, tendrils, thorns.

Types of plants: Trees, Shrubs, Herbs, Climbers, Creepers, Cacti, Aquatic Plants, Bonsai (man made).

What plants give us: Oxygen, shade, shelter and food.

Products of plants: wood, food, medicine, rubber, cotton, gum, oil, soap, tooth paste, manure, paper, etc.

Flowers: They are part of a plant which bloom from a bud. They differ in shape, colour, fragrance, and size.

Names: Tuberose, gerbera, lily, tulip, chrysanthemum, orchid, canna, dahlia, carnation, iris, periwinkle, bird of paradise.

Uses of flower: For puja and decoration

Products of flowers: Perfumes, oils, soap, incense-sticks (agarbatti), talcum powder, rose water, gulkand etc are obtained from flowers.

Concepts: strong-weak, above-under, single-bunch

Value Education: Save the plants, do not cut trees, grow more plants, do not pluck flowers unnecessarily.

Rhymes: Related to the project from Rhyme and song book

Academics:

1) Language : Oral: Reading “u” vowel words

Writing “i” vowel words, “ u” and “e” vowel blends and words, “i”, “u” and “e” vowel rhyming words.

2) Number work : Revision of numbers 1 -60,

Writing of numbers 61 – 70,

Number names 1 – 5,

Between numbers 1 – 10,

Dodging numbers 1 – 30,

Count and write 1 – 20.

Special Activity: Planting seeds of seasonal plants.

Suggested Activity: Visit to a garden or flower show.

October Evaluation

Every child would be individually assessed in different areas of development like physical, social, emotional, cognitive, and on general knowledge. Written test would be conducted to evaluate the language and number skills.

NOVEMBER & DECEMBER

Project: Vehicles

Information to be given –What are vehicles ?

Ans: Vehicle is a machine which moves and takes people and goods from one place to another.

Roadways:

Two Wheeler Vehicles: Bicycle, scooter, motorcycle, tonga, bullock cart,

Three Wheeler Vehicles: Auto Rickshaw, Tempo

Four Wheeler Vehicles: Car, bus, truck.

Railways: Set of bogies that need special tracks to run on. Types of trains: local trains, inter city trains, goods trains, passenger trains, express trains.

Special Trains: subways, monorail, bullet trains. Trains run on coal, diesel and electricity. TGV is the fastest train in the world.

Airways: Mode of travelling by air. It is the fastest way of travelling e.g. helicopter, passenger plane, war plane, glider plane, cargo plane, rocket, space shuttle. Hot-air balloon and cable car are also a means of travelling by air.

Water Ways: Mode of travelling on water e.g. raft, yacht, boat, ferry, ship, steamer, ocean liner, cargo ship, oil tanker, submarine, hovercraft.

Concept: 1) slow-fast 2) heavy-light

Value Education: Safety Rules: 1)Always walk on the footpath. 2)Do not get in or get out of the moving vehicle. 3)Do not play on the road.4)Always cross the road on the zebra crossing. 5)Always stand in a queue at the bus stop.6)Obey the traffic rules.
Always use a helmet for safety.

Rhymes and songs: Related to the project from “Rhyme and song book”

Suggested field trips- Visit to the Airport, Railway station and the miniature railway show.

Academics:

Language: Revision of ‘a’, ‘e’, ‘i’, ‘o’, ‘u’ vowels, three letter words.
Introduction to prepositions, articles and singular & plural.

Number Work: Revision of numbers 1 – 70 and writing 1 – 80.

Revision of number names 1 – 5, and writing number names 6 – 10,
Revision of after and between numbers .
Introduction to before numbers 1– 10,
Backward counting 20 -1 .
Dodging numbers 1-50.

JANUARY

Project: Vegetables and Fruits

Information to be given-

Vegetables: Vegetables are different parts of plants. They can be eaten either raw/cooked or boiled.

Types of Vegetables:

- 1) **Fruit Vegetables** –Tomato, ridge gourd, bottle gourd, snake gourd, chilly, beans, peas, cucumber, pumpkin, brinjal, drumstick.
- 2) **Root Vegetables-** carrot, radish, beetroot, turnip.
- 3) **Stem Vegetables** – sweet potato, onion, potato, yam, ginger, garlic, etc.
- 3) **Leafy Vegetables-** spinach, fenugreek, lettuce, cabbage, coriander.

Fruits : A fruit is a part of plant, which develops from a flower, and most of them have seeds.

Names: Plums, pomegranate, peach, fig, strawberry, jackfruit, coconut, cherry, muskmelon, sweet lime, pear, litchi. Fruits can be juicy, pulpy, sweet or sour. They can be eaten with peel/ without peel.

Fruit products: Jam, jelly, pickle, squash, juice, etc. Some fruits are also used in cosmetics like facial cream and shampoo.

Concept: raw – ripe, soft- hard, kilo – dozen.

Value Education:1) Wash the fruits and vegetables well before eating.
2) Eat all types of fruits and vegetables.
3) Always throw the peel in the dustbin.
4) Do not pluck raw fruits from trees.

Rhymes: Related to the project from “Rhyme Book”

Academics:

1) Language : Revision of prepositions, articles, singular/ plural,
Introduction to writing sentences on 'Myself'. Revision of Rhyming words.

2) Number Work : Revision of numbers 1-80.
Revision of numbers 81-90.
Revision of number names 1-10 & writing of number names 11-15.
Writing of after, between and before numbers.
Backward numbers 20-1.

FEBRUARY

Project: Food we eat

Information to be given-

Why do we eat food?

To get energy, for growth, to fight diseases.

Types of Food:

Vegetarian: Cereals, pulses, fruits, vegetables, milk & milk products.

Non- vegetarian: Mutton, chicken, fish, & eggs.

Healthy Food: Home cooked food like chapati, vegetables, dal, rice, curds, salad.

Junk Food: Wafers, Chivada, Chocolates.

Instant / Fast Food: Noodles, Pizzas, Burgers, Sandwich, Bhel etc.

Preserved Food: Pickles, Jams, Papad, Squash, etc.

Concepts: fresh and stale

Value Education:

1. Always wash your hands before and after eating.
2. Chew your food well and do not waste it.
3. Do not eat uncovered or road side food. Always eat healthy food.
4. Too much of junk food is bad for health.

Rhymes: Related to the project from "Rhymes and song book".

Special Activity- Making of quick snacks in the class.

Academics:

Language: Written: Revision of mixed words and rhyming words of all vowels.
Revision of “Myself ” and writing questions and answers on “Myself”.

Number Work: Revision of numbers 1 – 90 and writing 91 – 100.
Revision of number names 1 – 15, and writing number names 16-20.
Introduction to greater than (>), Equal to (=) and lesser than (<).

MARCH/ APRIL

Project: Animals

Information to be given-

Birds: Peacock, Kingfisher, Ostrich, Vulture, Eagle, Humming Bird, Penguin, Weaver Bird, Tailor bird, etc.

Largest and Fastest running bird: ostrich

Smallest Bird- humming bird

Birds that can't fly: Kiwi, Ostrich, Penguin

Body Parts: Beak, wings, feathers, two legs, claws.

Insects – butterfly, silkworm, cockroach, ant, housefly, honeybee, mosquito, bug, etc

Harmful Insects – cockroach, housefly, mosquito, bugs, etc

Useful Insects – honeybee, silkworm

Aquatic Animals – Fish like octopus, whale, shark, dolphins, star fish, sea-horse etc.

Whale is the largest of all animals.

Body Parts – fins, gills, scales, tailfin.

Reptiles – Turtle, crocodile, lizard, alligator, chameleon (can change its colour)

Common Body Parts – Short legs/No legs, neck/ no neck, scales / shells, tail, claws.

Concepts: swift-slow, harmful-useful.

Rhymes: Related to the project from “Rhyme and song book”.

Academics:

Language : Revision of ‘Myself’ and writing sentences on ‘My Pet’.
Revision of rhyming words.

Number work : Revision of numbers 1 – 100.
Revision of number names 1 – 20 and
Greater than (>), Equal to (=) and lesser than (<),
Introduction to Addition and backward counting 20-1

Revision & Evaluation: Every child will be individually assessed in different areas of development like physical, social, emotional, cognitive and on general knowledge based on projects taught.

