

AIRFORCE SCHOOL BAGDOGRA
SESSION :2020-21
SUBJECT: EVS

CHAPTER 1 : SUPER SENSES

CLASS : V



INTRODUCTION

- ❖ As we have already learnt in our previous classes , all human beings have five different sense organs.
- ❖ Like human beings, animals also have sense organs that protect them from their enemies and help them to locate place.
- ❖ Many animals have very sharp senses unlike human beings.

SUPERSENSES

AMAZING POWER OF SENSES



I FOLLOW MY OWN PATH



- Ants use their antennae to smell.
- When an ant finds food, it leaves a chemical trail along the ground on its way other ants soon follow this trail.



ANIMALS THAT CAN SMELL



- Dogs have very powerful sense of smell and hearing.
- Thus dogs are used in security services to sniff and track people, criminals, drugs.
- They can also locate people buried in debris.

DOG THAT CAN CATCH CRIMINALS

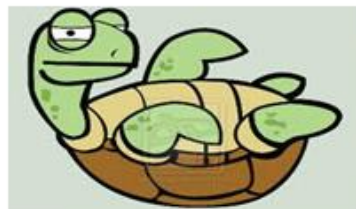


ANIMALS & BIRDS THAT HAVE SHARP SIGHT



- Many birds like Eagles and Hawks have a sharp sense of sight to locate their food.

SENSITIVE BY TOUCH



TOTALLY NOT AWKWARD



SLOTH A LAZY ANIMAL



SLOTH

- IT LOOKS LIKE A BEAR
- SPENDS 17 HOURS A DAY SLEEPING
- HANGS UPSIDE DOWN LIKE A BAT
- IT STAYS ON TREES
- IT LIVES FOR 40 YEARS
- THEY MOVE ONLY EIGHT TREES IN LIFE TIME
- ONCE A WEEK IT COMES DOWN FROM THE TREE TO RELIEVE ITSELF

SENSITIVE TO SOUNDS AND MESSAGES



- Dolphins make different sound to give signal or messages to each other.



- Fishes give alarm call by electric signals.

GOOD AT COMMUNICATION



GOOD AT WARNING



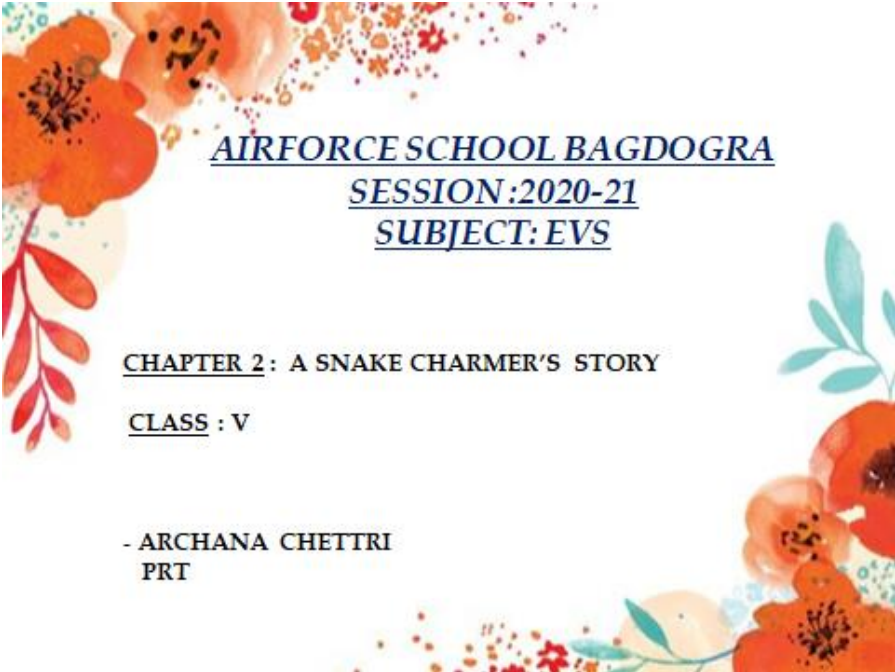
LINKS TO BE FOLLOWED

- ✓ [VIDEO 1 : SUPER SENSES](#)
- ✓ [VIDEO 2: SUPER SENSES](#)

ACTIVITIES TO BE DONE

Activity 1 : Poster making on saving endangered animals like
A Tiger – Save Wildlife

Activity 2 : Map work – Locate the different national parks in India on a political map.



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CHAPTER 2 : A SNAKE CHARMER'S STORY

CLASS : V

- ARCHANA CHETTRI
PRT

CONTENTS

- Introduction to a snake charmer
- Work of snake charmer
- Types of snakes – Poisonous and Non-poisonous
- Livelihood threat to snake charmers

ARCHANA CHETTRI (PRT)

INTRODUCTION

- People depend on animals for their livelihood in one or the other form.
- We depend on cows and buffaloes for milk , elephants and horses for their strength , livestock for meat and other products.
- In this chapter we will be coming across a certain group of people who are dependent on snakes for their livelihood.

ARCHANA CHETTRI (PRT)

KALBELIYAS



I am Aryanath, I am a snake charmer . I entertain people by playing been and making the snake dance. I learnt this art from my father and grandfather. Our community is called KALBELIYAS.



My Father



My grandfather

ARCHANA CHETTRI (PRT)

WHAT WE DO?

- We entertain people by using snakes.
- We keep snakes with lot of care and place it in a bamboo basket.
- People offer us rice , pulses and food at the end of the snake show.
- We catch snakes from fields.



ARCHANA CHETTRI (PRT)

OUR OTHER WORKS



- We give people medicines made of plants collected from forests .
- We help to identify the type of snake if a person gets bitten.
- We know how to remove the venom from the body of the people bitten by the snakes.



ARCHANA CHETTRI (PRT)

TYPES OF SNAKES

POISONOUS SNAKES

- Have fangs
- Fangs help to pass the venom(poison) on to the prey

NON-POISONOUS SNAKES

- Do not have fangs
- They have rows of teeth

ARCHANA CHETTRI (PRT)

POISONOUS SNAKES



KING COBRA



COMMON KRAIT



RUSSELL'S VIPER



SAWSCALE VIPER

ARCHANA CHETTRI (PRT)

NON-POISONOUS SNAKES



INDIAN RAT SNAKE



INDIAN ROCK PYTHON



COMMON SAND BOA



COMMON CAT SNAKE

ARCHANA CHETTRI (PRT)

LAW THREATENING OUR LIVELIHOOD



- Some people catch and kill snakes for their own benefit and now because of them our livelihood is in trouble.
- Under the '**Wildlife Protection Act 1972**', keeping snakes in captivity and their display in public is prohibited.

- TO BE CONTINUED...

ARCHANA CHETTRI (PRT)

CONTENTS

- Life of Kalbeliyas now
- The tradition of Kalbeliyas
- Man and animals
- Snakes in Hindu mythology

ARCHANA CHETTRI (PRT)

LIFE OF KALBELIYAS NOW



- Fearing the punishment, Kalbeliyas now entertain people only using their instruments.
- They play instruments like tumba, been, dhol, khanijri etc.
- Their groups are known as 'been party.'



ARCHANA CHETTRI (PRT)

THE TRADITION OF KALBELIYAS

- They treasure snakes and gift it to their daughters when they get married.
- They have their dance form known as 'Kalbeliya dance' which resembles snake movements.
- The knowledge of playing been and handling snakes is passed from one generation to another.



ARCHANA CHETTRI (PRT)

MAN AND ANIMALS

- Man keeps many animals for entertainment and livelihood.
- Like snake charmers, there are madaris who use monkeys to entertain people.
- Mahouts are the people who drive elephants and train them.
- Circus people are very much dependent on animals like monkeys, bears, tigers etc.
- Veterinary doctors, dairy industries, poultry industries, pet shops etc. are also surviving using animals.



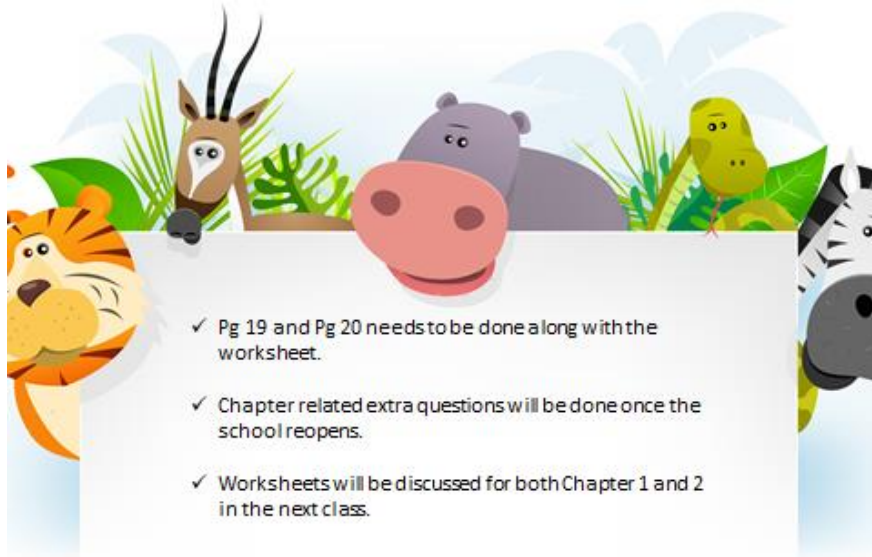
ARCHANA CHETTRI (PRT)

SNAKES IN HINDU MYTHOLOGY



- Hindu mythology is filled with stories and fables about snakes, the most important being the Sheshnaga of Lord Vishnu.
- Every year, a festival known as Nag Panchami is observed throughout the country.
- In India, snakes are so revered that temples have also been erected in their honor. The Mukthi Naga temple of Bangalore is one of them.
- Naag Gumphan is a design used in rangoli, wall decorations and embroidery which has pictures of snakes used in them.

ARCHANA CHETTRI (PRT)



ARCHANA CHETTRI (PRT)

LINKS TO BE FOLLOWED



[VIDEO 1](#)



[VIDEO 2](#)



[VIDEO 3](#)