SUMMER HOME BOOK FOR THE CHILDREN
INTRODUCTION

Children, go outside and look around carefully. You may notice how colorful the nature is, how strange the sounds are, and how strange it is. The more you get to know your surroundings, the more you will know and love your country. The future of my country is in your hands. The era of becoming educated and hardworking people and creating intellectual wealth instead of digging in your homeland I’m sure it will be yours.

The Snow Leopard Conservation Foundation has prepared this workbook to guide you on your first trip to explore nature on your own during your summer vacation.

We hope that this book will inspire you, the children, to become more interested in learning natural world.

We can’t wait for the package to arrive after the holidays.
INTRODUCE YOURSELF

Name: _____________________________________________ Aimag:
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School:
Name:
Hobby
ACTIVITY 1
ACTIVITY NAME: GETTING TO KNOW YOUR ENVIRONMENT
ESTIMATED TIME: 1 HOUR

Activity description: Ask your parents and family what kind of animals live in the mountains where you live. What animals do they describe? Where do these animals live? What do these animals look like? What makes these animals special? Draw the animals and habitat they describe.
ACTIVITY 2
ACTIVITY NAME: MY LIFE AROUND ME
ESTIMATED TIME: 1 HOUR
Go outside and draw the animals and plants you observe. What colors do you observe? What shapes? What smells?
If you come across something interesting that you noticed while drawing, please share it with us.
ACTIVITY 3
ACTIVITY NAME: ASTRONOMY
ESTIMATED TIME: 1 HOUR

1. Go outside during the night- preferably a clear night when there are no clouds and then there is a new moon. The stars will be bright.
2. What stars do you see? Which are the brightest?
3. Draw the dark sky with the many stars on a piece of paper
4. Now imagine the stars are making shapes and are the outline to objects.
5. Draw lines connecting the stars and create an image
6. What did you create?
ACTIVITY 4
ACTIVITY NAME: WHAT DO LIVESTOCK EAT?
ESTIMATED TIME: 1 HOUR

What plants do livestock like?
This exercise will be the easiest and most fun for you if you help your parents and grandparents herd livestock in the summer.

• Observe the animals in the pasture and record what kind of plants they eat. If you don’t know the name of the plant, ask your parents or siblings.
• Try and draw each type of plant- highlighting their color and unique characteristics
ACTIVITY 5
ACTIVITY NAME: DIARY NOTE
ESTIMATED TIME 1 HOUR

In this section, please share your impressions of what happened that day, interesting and strange natural phenomena, animals and plants around you.
ACTIVITY 6
ACTIVITY NAME: NATURE IS CHANGING
ESTIMATED TIME: 1 HOUR

Nature is constantly changing. If we look closely around us we can easily understand the nature of that change. Exercise: Please draw and describe the natural beauty of your area. Describe what you see that is changing.

- How are the colors changing
- How are the plants changing
- How is the weather changing
- How are the animals changing
- How are people changing
ACTIVITY 7
ACTIVITY NAME: SILENT NATURE
ESTIMATED TIME: 1 HOUR

1. Get up early in the morning and go outside to find a place where no one will disturb you.
2. Then close your eyes, raise your head slightly to the sky, place the palms of both hands on your knees facing up, and listen to the sounds of nature.
3. Be quiet and listen carefully to the sounds surrounding you.
4. What do you hear? What natural sounds do you hear? How do these sounds make you feel?
**ACTIVITY 8**

**ACTIVITY NAME:** THE FRAGRANT WORLD

**ESTIMATED TIME:** 1 HOUR

Everything in nature has a smell. Today we will investigate the smells of plants around us and try to explain the smells in words. For example, the *Alium* herb smells like onions in the kitchen. Draw or take a picture of the plant and then describe the smell.

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<th>No.</th>
<th>Plants (picture)</th>
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ACTIVITY 9
ACTIVITY NAME: PLANTS AROUND US
ESTIMATED TIME: 1 HOUR

Plants and animals require different resources in nature to survive. Select 5 different plants or animal species and record the type of soil and environment in which they grow.

- What plants grow on sandy ground and what plants grow on more rocky ground?
- Why do you think these plants occur in these different areas? Ask yourself and your family the reasons why.
- Share with us your thoughts.

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<th>Plant Name</th>
<th>Living conditions</th>
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ACTIVITY 10
ACTIVITY NAME: ART WITH NATURE
ESTIMATED TIME: 1 HOUR

This is an interesting and fun activity. We are challenging you to use your creativity and imagination using nature around you. These include materials such as stones, trees, leaves and flowers.

- Collect natural materials around you
- Use these materials to make an object or a drawing.
- This artwork allows you to participate in a Contest during Snow leopard day. Write below what you did in the space or take a picture and attach it here. We will share your display your art on snow leopard day!

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ACTIVITY 11
ACTIVITY NAME: ANCIENT PASTURE
ESTIMATED TIME: 1 HOUR

As nature changes, so does the pasture. The pasture that the livestock depend upon.

- What was the condition of the pastures surrounding your home 20-30 years ago?
- We would like to encourage you to ask your parents and grandparents, what did the pasture look like during their childhood and how has it changed over the time?
- Please describe these changes.

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ACTIVITY 12
ACTIVITY NAME: ADAPTATION
ESTIMATED TIME: 1 HOUR

Living things have the ability to adapt to their environment in order to survive. Please write 5 examples of adaptation of plants and animals around you. Ask your parents and grandparents for ideas.
ACTIVITY 13
ACTIVITY NAME: THE IMPORTANCE OF PLANTS AND ANIMALS
ESTIMATED TIME: 1 HOUR

Plants and animals have played an important role in the ecosystem. We are all connected and our existence depends on each other. Describe how plants and animals are connected around you? What connections do you observe?

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ACTIVITY 14

ACTIVITY NAME: SAVE THE SNOW LEOPARD
ESTIMATED TIME: 1 HOUR

Like other wildlife, the snow leopard faces many challenges during its life. The snow leopard is a very rare animal that needs our help. Saving the snow leopard means protecting the entire mountain ecosystem

Exercise: What can you do to save the snow leopard in your community?

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ACTIVITY 15

ACTIVITY NAME: HOW DO YOU DRAW SNOW LEOPARD?

ESTIMATED TIME: 1 HOUR

Exercise: Please draw snow leopard as you imagined in natural condition.
ACTIVITY 16
ACTIVITY NAME: WHAT IF I WAS AN ANIMAL OR A PLANT?
ESTIMATED TIME: 1 HOUR

Exercise: Imagine yourself as a plant or an animal for few seconds. Please try to express and write letter to a human being how you felt while you were the animal/plants. What kind of obstacles did you face and what would like to request from people?

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**ACTIVITY 17**

**ACTIVITY NAME:** WISE USE OF WATER  
**ESTIMATED TIME:** 1 HOUR

Water is the most important thing for all living things on earth. It is also important to know where we get our water from and whether it is clean or not. As we know the water in the Gobi is mostly from underground wells and its resources are in danger of being depleted. Therefore, we need to use water wisely.

Exercise:

- Let’s calculate how much water we use per day or per week. This is a very simple calculation.
- Ask yourself or family member how often they go to the well to fetch water by using what kinds of containers.
- Now, divide it by family members. You will now know how much water is used per person.

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ACTIVITY 18
ACTIVITY NAME: EVERYTHING COMES AT A COST
ESTIMATED TIME: 1 HOUR

Everything around us comes from natural source. For example; bread comes from wheat field and people grind it to make it flour. Flour with other associate ingredients bakers makes the bread. Same as a T-shirt, the rough material comes from cotton fields.

As your consumption increases you are using more natural resources directly and indirectly. This can negatively impact the environment. That’s what we call the ‘ecological foo print’.

In order to reduce your ecological footprints you can take several steps:

• Try to recycle unused materials as much as possible
• Use locally made products
• Buy few clothes and materials
• Use cotton bags for shopping
• Recycle all your packages
• Re-evaluate your buying list and do not buy unnecessary items, unless very very needed for you.

Exercise: Write down if and how you implemented all of these suggestions.
ACTIVITY 19
ACTIVITY NAME: WE ARE INTERCONNECTED
ESTIMATED TIME: 1 HOUR

All living things on our planet are closely interconnected with each other. A food chain describes different species in our ecosystem and how we are connected. For example it describes who eats who. Trees and plants are all producers. Because they produce their own food from sunlight (photosynthesis).

Animals are called consumer, an animal eats plants or other animals. If any one of the species and chain breaks it impacts many other living beings. For instance; the role of the snow leopard in the nature is to regulate and control herbivore numbers (including livestock) to safeguard the pasture. So we could call the snow leopard the doctor of the mountain.

Exercise: Draw the food chain of nature around you
ACTIVITY 20
ACTIVITY NAME: WHAT TRASH SAYS TO US.
ESTIMATED TIME: 1 HOUR

Plastic waste pollutes environments around the world. Every household should take all possible measures to reduce plastic waste. For example, instead of buying a plastic bottle of beverage from a store, you can make a drink at home from a local fruit.

Exercise:
- Looking around the household and see what items you find. Select 10 items
- Classify the items according to which waste group they belong to.
- These are the categories:
  - Degradable in the soil
  - Slow in degradable waste
  - Non-degradable waste
  - Hazardous waste

Exercise:
- Looking around the household and see what items you find. Select 10 items
- Classify the items according to which waste group they belong to.
- These are the categories:
  - Degradable in the soil
  - Slow in degradable waste
  - Non-degradable waste
  - Hazardous waste
ACTIVITY 21
ACTIVITY NAME: BECOME A PHOTOGRAPHER FOR THE DAY
ESTIMATED TIME: 1 HOUR

Taking photos of plans and wildlife is not always easy. This activity adds an extra difficulty- how can you tell a story with your photo? Go outside and take a photo of your favourite plant or animal. Try and take the photo is a way that it tells the story of the animal.

Share the photo with us.
ACTIVITY 21

ACTIVITY NAME: WHAT ARE THE ENVIRONMENTAL ISSUES IN YOUR AREA?

ESTIMATED TIME: 1 HOUR

What are the environmental challenges in your area?
- Discuss and list all the challenges
- Discuss and write down possible solutions

Keep in mind that innovative projects can be funded by the Snow Leopard Conservation Fund.

Please consider below items as you write your project.
- Project purpose and needs,
- Target groups and stakeholders
- Budget required for the project.
- Outcome Summary.
- Identify how the work will benefit the environment, wildlife, and local communities.