



Sindh Education Foundation
Government of Sindh

Grade 1 — Science Index

SEF Digital Resource Pack

Grade 1 - Science

This document lists by unit:

1. The learning objectives that students will be able to learn by using the Sindh Education Foundation Digital Resource Pack.
2. The classification of items included in the Digital Resource Pack.
3. It is suggested that the lessons be used multiple times for additional impact on student learning.

	Learning Objectives	Lesson Plans for SEF Digital Resource Items
Unit 1: Sky and Earth		
	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Identify the shape of the Earth • Recognize that the Earth is covered with land and water • Identify objects in the sky during day and night 	<ol style="list-style-type: none"> 1. Earth & Sky (01 Video, 02 Lesson Plan and 02 Interactive Exercises)
Unit 2: Myself		
	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Identify good qualities in themselves (telling the truth; respecting elders; getting up early in the morning) • Recognize the good qualities in others • Name major body parts of the human body (eyes, nose, ears, mouth, arms, feet and legs) • Name the five sense • Identify the ways and means by which they can keep themselves clean (washing hand, clipping/trimming nails, brushing teeth, taking bath etc.) • Identify some professions from picture (teaching, farming, medicine) • State what they would like to be when they grow up and why) 	<ol style="list-style-type: none"> 1. Who Am I? (01 Video, 02 Lesson Plans and 02 Interactive Exercises) 2. Golden Words (01 Video, 01 Lesson Plan and 01 Interactive Exercise) 3. Professions (01 Video, 01 Lesson Plan and 01 Interactive Exercise)
Unit 3: Family		
	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Identify some family members (parents, brothers and sisters, grand-parents, aunts, uncles etc. • Recognize different parts of a house such as kitchen, bedroom, drawing room etc. and their purposes. 	<ol style="list-style-type: none"> 1. My Family and Home (01 Video, 02 Lesson Plans and 02 Interactive Exercises)
Unit 4: Neighbourhood		
	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Recognize that many families living in a locality make a neighbourhood 	

	<ul style="list-style-type: none"> Describe their neighbourhood (in terms of people, mosque, shop, Street Park etc.) 	<ol style="list-style-type: none"> Living together (01 Video, 02 Lesson Plans and 02 Interactive Exercise)
<h3>Unit 5: Plants & Animals</h3>		
	<p>Students will be able to:</p> <ul style="list-style-type: none"> Identify the things around them that are made up of plants / trees Recognize the importance of plants / trees as a source of food , shade and shelter Identify that difference between the animals they see around them Recognize the importance of animals as a source of food and transport Recognize that plants and animals need water, food and air to live 	<ol style="list-style-type: none"> Plants (01 Video, 01Lesson Plan and 02 Interactive Exercise) Animals (01 Video, 01Lesson Plan and 01 Interactive Exercise) Importance of Animals (01 Video, 01Lesson Plan and 01 Interactive Exercise)
<h3>Unit 6: Things around us</h3>		
	<p>Students will be able to:</p> <ul style="list-style-type: none"> Name different objects in their surroundings Recognize that objects are different in shape, size, texture , weight Group objects based on shape (circle, triangle, square and rectangle) Recognize that many objects make sounds Recognize that sounds heard are low when they are far away Recognize that light is needed to see objects in the dark Recognize that some objects are intense and some are dim 	<ol style="list-style-type: none"> Objects (Shape, Size & Weight) (01 Video, 01Lesson Plan and 01 Interactive Exercises) Objects (Structure & Material) (01 Video, 01Lesson Plan and 01 Interactive Exercise) Objects (Producing Sound & Light) (01 Video, 02 Lesson Plans and 02 Interactive Exercise)
<h3>Unit 7: Weather and Seasons</h3>		
	<p>Students will be able to:</p> <ul style="list-style-type: none"> Name four seasons (spring, summer, autumn and winter) Illustrate the key characteristics of the four seasons Identify the daily weather conditions (sunny, windy, cloudy and rainy) Predict daily weather conditions (through observations) 	<ol style="list-style-type: none"> Weather (01 Video, 02 Lesson Plans and 02 Interactive Exercise) Seasons of a Year (01 Video, 01Lesson Plan and 01 Interactive Exercise)
<h3>Unit 8: Transportation</h3>		
	<p>Students will be able to:</p> <p>Identify the means of transportation which people use in their surrounding</p> <ul style="list-style-type: none"> Identify slow and fast means of transportation in their surrounding Identify the places where buses and trains stops, aeroplanes land and ships berth Identify some traffic rules Identify the safety rules they should follow while walking on the road, crossing a road 	<ol style="list-style-type: none"> Transportation (01 Video, 02 Lesson Plans and 02 Interactive Exercises)