Daffodil International School
Value, Culture and Innovation

Weekly planner

Week-4

Name of the faculty: Chumki Sinha

Subject: Science (Grade 5)

Day: Monday, Wednesday and Thursday Date: 30/01/2023- 02/02/2023	**Learning objective & outcome: By the end of the lesson the students will be able to-** • **define what is mass and weight?** • **describe different directions of forces act**	
Chapter & topic/concept	**Learning engagements:**	**Tools & Resources**
Topic: **Forces and energy** Chapter: 4	**Day 1:** **Ice breaking (5 minutes):** Greetings Feedback taken orally from previous class. (Remember, Identify, Understand) Teacher will ask students to recall what they got to know about forces and energy and tell them to summarize the force activities that they learnt in the previous class. State orally (REMEMBER, IDENTIFY and UNDERSTAND)	Text Book, Marker, Board, Ball

	Development Activities: (30 minutes): Reading from page 66-67 teacher will Ask questions with one word answer. Students will form pairs to work on the following questions: 1. Can an object move by itself? Explain your answer. 2. When you open a door: 3. What force do you exert on it? 4. Where do you get energy from to make objects move? Some questions will be made by students. **Closing activities (5 minutes):** Students will be given opportunity to ask any question.	
Topic: **Friction** Chapter: 4	**Day 2:** **Ice breaking (5 minutes):** **Greetings** Greetings Feedback orally from previous class. (Remember, Identify, Understand) **Development Activities: (30**	Text Book, Marker, Board, Image

	minutes): Teacher will describe with an example. 1. What is friction? 2. How do we use friction to clean our clothes? 3. How can we reduce friction? Some questions will be made by students. **Closing activities (5 minutes):** Students will share if they have any query.	
Differentiation: By content/ process/ product/environment	**Home work:** 1. What is friction? 2. How do we use friction to clean our clothes? 3. How can we reduce friction?	**Assessment tools & strategies:** Summative Assessment **Reflection (if any):**
Topic: **Investigating friction** Chapter: 4	**Day 3:** **Ice breaking (5 minutes):** Greetings Feedback orally from previous class. (Remember, Identify, Understand) Teacher will state the definition of friction.	Text Book, Marker, Board, Image **Assessment tools & strategies:** Formative

	Students will be able to identify the concept by working on the following example: 1. How does a surface affect friction? **Development Activities: (30 minutes):** Teacher will describe with an example. **1.** How do forces act to break a glass when it falls on the ground? **2.** How do forces act to make a rubber ball bounce when you drop it? Some questions will be made by students. **Closing activities (5 minutes):** Feedback session and diary writing	**Reflection (if any):**

Differentiation: By content/ process/ product/environment	**Home work:** **1.** How do ball bearings in machines reduce friction? **2.** How do forces act to make a rubber ball bounce when you drop it?	**Assessment tools & strategies:** Formative Assessment **Reflection (if any):**