GRADE: THREE

SUBJECT: SCIENCE

TOPIC: FORCES – PUSH AND PULL

Introduction

Welcome, students, to today's exciting lesson about push and pull! Today, we will learn all about how forces like push and pull work in our daily lives. Have you ever pushed a toy car away or pulled a wagon close to you? Those are examples of push and pull forces in action. Get ready to explore these concepts further in our interactive video lesson!

Learning Outcomes

By the end of this lesson, students will be able to:

1. Define the terms "push" and "pull."
2. Differentiate between push and pull based on the direction of the force.
3. Identify real-life examples of push and pull forces.

Materials and Resources

* Devices with internet access and headphones
* Link to the interactive video on push and pull
* Objects for hands-on activities (toy car, rope, sled, etc.)
* Quiz or worksheet for assessment

Lesson Development

Introduction (5 minutes):

* Discuss push and pull concepts
* Encourage students to think of examples

Watching the Video (10 minutes):

* Play video and pause for discussions
* Engage with interactive questions

Post-Viewing Discussion (5 minutes):

* Review key concepts and hold a Q&A session

Hands-On Activity (5 minutes):

* Organize stations with objects for practice
* Have students observe and record pushes and pulls

Hands-on Activity or Experiment

* Students will move through stations with different objects/tasks, such as pushing a toy car, pulling a rope, and more. They will observe each action and determine if it is a push or a pull, recording their findings.

Discussing and Questioning

* Facilitate discussions during the video pauses and the post-viewing session to ensure students understand the concepts and can apply them to real-life situations. Encourage questions and feedback to deepen understanding. [[Download Worksheet](https://stluciaconnected.org/OECSLearningHub/wc/docs/assessment/push_pull.pdf)]

Assessment Methods

* Conduct a short quiz or provide a worksheet to assess students' comprehension of push and pull concepts. Additionally, gather feedback from students about the lesson and adjust future teaching accordingly.

Differentiation Strategies

* For students with varying learning styles, offer opportunities for group discussions, visual aids, and hands-on activities to cater to social, visual, interpersonal, and kinesthetic preferences.

Technology Integration

* Utilize devices with internet access to watch the interactive video, engage with online questions, and enhance learning through multimedia resources.

|  |
| --- |
| CONTENT FOR STUDENTS |
| Hey there, curious minds! Today, we're diving into the world of push and pull forces. Imagine pushing a toy car across the floor or pulling a wagon filled with treasures. These actions involve using force to make things move, either away from us (push) or closer to us (pull). Just like superheroes with super strength, we use push and pull forces every day without even realizing it. Get ready to explore how these forces work in our lives and learn to identify them in action! |