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H.K.E. SOCIETY'S

BASAVESHWAR COLLEGE OF EDUCATION,

BVB CAMPUS, MANHALLI ROAD, BIDAR – 585 403 KARNATAKA, INDIA.
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CRITERION – II

TEACHING LEARNING AND EVALUATION



2.4: Competency and Skill Development

2.4.2: Students go through a set of activities as preparatory to school-based practice teaching and internship. Pre practice teaching / internship orientation / training encompasses certain significant skills and competencies

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H.K.E SOCIETY'S

BASAVESHWAR COLLEGE OF EDUCATION, BIDAR

INTEGRATED LESSON PLAN

Name :- Aishwarya Do Ashok Patil
Roll No. :- U04AH22E0030 (30)
Semester :- B.ED Ist Sem
Subject :- UDP of Physical Science
Topic :- Force and laws of Motion
Guide :- Smt Santosh Kumar Sajjan

Seen


Learning Experience Teacher's Activity	Student's Activity	Skill Integrated with Components	Blackboard Work
<p>Good Morning Students,</p> <p>In our everyday life we observe that some efforts are required to put a stationary object into motion or to stop a moving object. We ordinarily experience this as a muscular effort.</p> <p>Let me ask you few questions.</p> <p>Can we transfer dusts from one place to another place easily?</p> <p>Can we move a heavy table easily as we did with dusts?</p> <p>How can we move a heavy from one place to another place.</p>	<p>Student's listening</p> <p>Ans: yes, we can transfer dusts from one place to another place easily.</p> <p>Ans: No, we can't move a heavy table easily as we did with dusts.</p> <p>Ans: We can move a heavy table from one place to another place by applying force on it.</p>	<p>Introduction Skill (Use of previous knowledge)</p> <p>Introduction Skill (Questionary)</p>	<p>Force and Laws of Motion</p>

Statement of the Aim:

Students, today we are going to study about "Force and laws of Motion" in detail.

Teacher's Activity

Force :- The push or pull on an object with mass - that causes it to change its velocity is known as force.

Example:

1) A Spring expands on application of force

2) A Spherical rubber ball bounces along as we apply force on it.

Here force is denoted by the letter 'F'. Thus the formula of force is $F = ma$.

Here $F \rightarrow$ Force

$m \rightarrow$ mass of an object

$a \rightarrow$ acceleration

Thus S.I. unit of force or Newton

Experience

Student's Activity

Student's writing - the deflection in notebook

Student's Disturbance

Student's notes etc in their notebook

Skill integrated with components

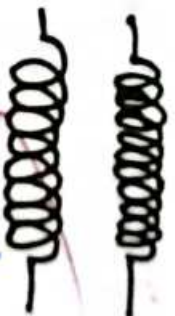
Blank board

Explanation Skill (Starting statement)

Force: The push (or) pull on an object with mass - that causes it to change its velocity is known as force

Illustrate or Example

A Spring expands on application of force



Formulae Variation (Forcing)

Force is denoted by 'F'
Force formulae $F = ma$
Here $F \rightarrow$ Force
 $m \rightarrow$ mass
 $a \rightarrow$ acceleration of an object

Teacher's Activity

So, Student's, as we studied about the force and its formula. So now I am going to ask you few questions related to your topic.

What is the S.I unit of force?
 Give the formula of force.

Good, Expand F, m, a the formula of force.

Question

Student's Activity

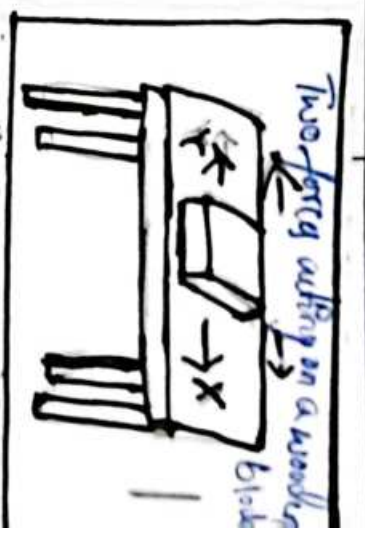
Ans: The S.I unit of force is Newton.

Ans: Formula of force is $F = mg$.

Ans: F denotes force, m denotes mass of an object, a denotes acceleration.

Skill integrated with components

Black board work



Review in questioning (Recall questions)

Skill of questioning (Verbal & positive reinforcement)

Seen
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