KENDRIYA VIDYALAYA PULGAON CAMP
IMPLEMENTATION OF BUILDING AS A LEARNING AID (BALA) CONCEPT

INTRODUCTION-

THE CONCEPT OF BUILDING AS A LEARNING AID (BALA) IS AN INNOVATIVE APPROACH IN THE FIELD OF EDUCATION, TRANSFORMING THE PHYSICAL SCHOOL ENVIRONMENT INTO AN ACTIVE LEARNING RESOURCE. BALA AIMS TO UTILIZE THE BUILDING'S ARCHITECTURAL ELEMENTS AS LEARNING TOOLS, HELPING STUDENTS GRASP CONCEPTS IN AN ENGAGING AND CREATIVE MANNER. THIS METHODOLOGY BREAKS AWAY FROM TRADITIONAL CLASSROOM CONFINES AND INTEGRATES THE SCHOOL'S INFRASTRUCTURE INTO DAILY LESSONS, MAKING LEARNING A MORE INTERACTIVE AND EXPERIENTIAL PROCESS.

KENDRIYA VIDYALAYA PULGAON CAMP HAS EMBRACED THE BALA INITIATIVE WITH THE GOAL OF MAKING ITS INFRASTRUCTURE MORE STUDENT-FRIENDLY AND CONDUCIVE TO LEARNING. THIS REPORT OUTLINES THE STEPS TAKEN BY KV PULGAON CAMP TO IMPLEMENT THE BALA CONCEPT, THE STRATEGIES USED, THE CHALLENGES ENCOUNTERED, AND THE OUTCOMES OBSERVED SO FAR.

OBJECTIVES-

THE PRIMARY OBJECTIVES BEHIND THE IMPLEMENTATION OF BALA AT KENDRIYA VIDYALAYA PULGAON CAMP INCLUDE:

1. ENHANCING STUDENT ENGAGEMENT BY MAKING THE SCHOOL ENVIRONMENT A SOURCE OF LEARNING.
2. ENCOURAGING CREATIVITY AND OUT-OF-THE-BOX THINKING BY PROVIDING VISUALLY AND PHYSICALLY STIMULATING SPACES.
3. PROMOTING ACTIVE LEARNING THROUGH INTERACTIVE EDUCATIONAL TOOLS INTEGRATED INTO THE BUILDING STRUCTURE.

4. Facilitating inclusive education where students of all learning styles and abilities can benefit from the environment.
5. Making learning enjoyable through the use of color, shapes, patterns in education.

Areas of BALA Implementation

1. Walls as Teaching Aids:

One of the most effective uses of BALA in Kendriya Vidyalaya Pulgaon Camp has been transforming classroom and corridor walls into learning tools. Different subjects are represented on the walls through diagrams, interactive charts, and instructional visuals. For example:

- **Maths Learning:** Fraction concepts, geometrical shapes,periodic table, multiplication tables, and number lines are painted on walls to help students visualize mathematical concepts.
- **Language Learning:** Alphabets, words, and grammatical structures are displayed for easy reference.
- **Environmental Science:** The school walls are also adorned with visuals of the life cycle of plants, the water cycle, and other scientific phenomena, enhancing comprehension through visual aids.

2. **Floor-Based Learning:**

The floors of KV Pulgaon Camp have been innovatively utilized to teach students to play and learn numbers allow students to play while reinforcing their knowledge of basic concepts

3. **OUTDOOR LEARNING SPACES:**

BEYOND THE TRADITIONAL CLASSROOM, THE SCHOOL HAS CREATED SEVERAL OUTDOOR LEARNING SPACES. THESE AREAS ARE DESIGNED TO ENCOURAGE EXPLORATION, CRITICAL THINKING, AND COLLABORATION AMONG STUDENTS.

- **LEARNING GARDENS**: THE SCHOOL'S GARDEN AREA IS USED TO TEACH STUDENTS ABOUT PLANTS, ECOSYSTEMS, AND BIODIVERSITY.

4. **USE OF SHAPES AND PATTERNS:**

PATTERNS AND SHAPES ARE FREQUENTLY USED IN BALA TO TEACH CONCEPTS OF SYMMETRY, BALANCE, AND PROPORTION. THE CORRIDORS, WINDOWS, AND DOORS AT KV PULGAON CAMP HAVE BEEN DESIGNED WITH GEOMETRICAL SHAPES, ALLOWING STUDENTS TO LEARN ABOUT ANGLES, SYMMETRY, AND PATTERNS AS THEY MOVE THROUGH THE SCHOOL.

STRATEGIES FOR IMPLEMENTATION

1. **COLLABORATIVE PLANNING:**

THE SCHOOL MANAGEMENT ENSURED THAT TEACHERS WERE ACTIVELY INVOLVED IN THE PLANNING PROCESS TO MAKE SURE THAT THE EDUCATIONAL THEMES OF EACH SUBJECT WERE ALIGNED, INTEGRATED, PROMOTING A COMPREHENSIVE AND UNIFIED LEARNING EXPERIENCE FOR STUDENTS.

2. **INVOLVEMENT OF STUDENTS:**

STUDENTS WERE ALSO INVOLVED IN THE PROCESS,THIS NOT ONLY MADE THE SPACES MORE STUDENT-FRIENDLY BUT ALSO FOSTERED A SENSE OF OWNERSHIP AND PRIDE IN THEIR SCHOOL ENVIRONMENT.

OUTCOMES AND IMPACT

1. INCREASED STUDENT ENGAGEMENT:

THE BALA IMPLEMENTATION HAS SIGNIFICANTLY INCREASED STUDENT ENGAGEMENT IN CLASSROOMS. THE INTERACTIVE WALLS AND PLAY-BASED LEARNING AREAS HAVE MADE LESSONS MORE DYNAMIC AND INTERESTING FOR STUDENTS, LEADING TO IMPROVED ATTENTIVENESS AND PARTICIPATION.

2. BETTER RETENTION OF CONCEPTS:

STUDENTS HAVE SHOWN BETTER RETENTION OF CONCEPTS, PARTICULARLY IN SUBJECTS LIKE MATHEMATICS, SCIENCE, AND LANGUAGE LEARNING, WHERE VISUAL AND EXPERIENTIAL LEARNING AIDS WERE USED.

3. INCLUSIVE LEARNING ENVIRONMENT:

BALA HAS CONTRIBUTED TO CREATING AN INCLUSIVE LEARNING ENVIRONMENT WHERE STUDENTS WITH DIVERSE LEARNING NEEDS, INCLUDING SLOW LEARNERS AND THOSE WITH DISABILITIES, CAN BENEFIT FROM VISUAL AND TACTILE LEARNING EXPERIENCES.

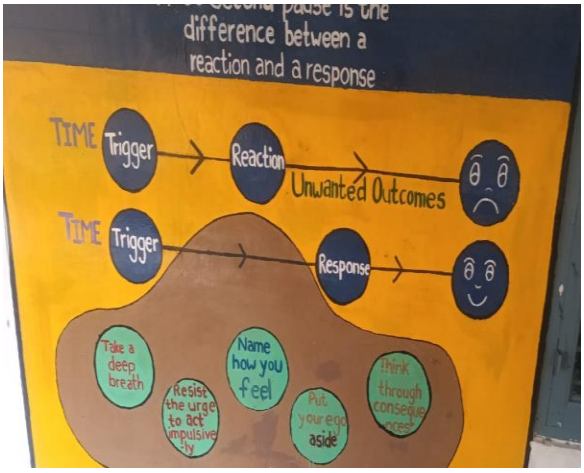
4. BOOSTED CREATIVITY AND CRITICAL THINKING:

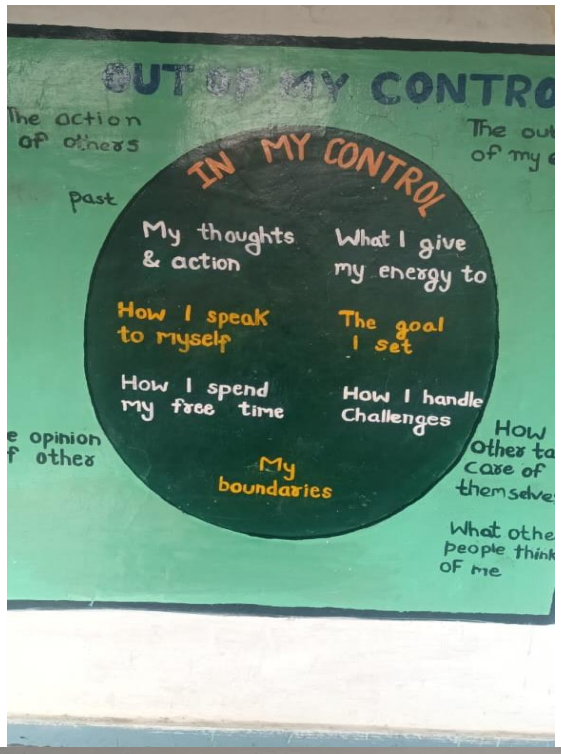
THE INCORPORATION OF OUTDOOR AND PLAY-BASED LEARNING SPACES HAS FOSTERED CREATIVITY AND CRITICAL THINKING SKILLS AMONG STUDENTS, ENCOURAGING THEM TO EXPLORE CONCEPTS IN NEW WAYS.

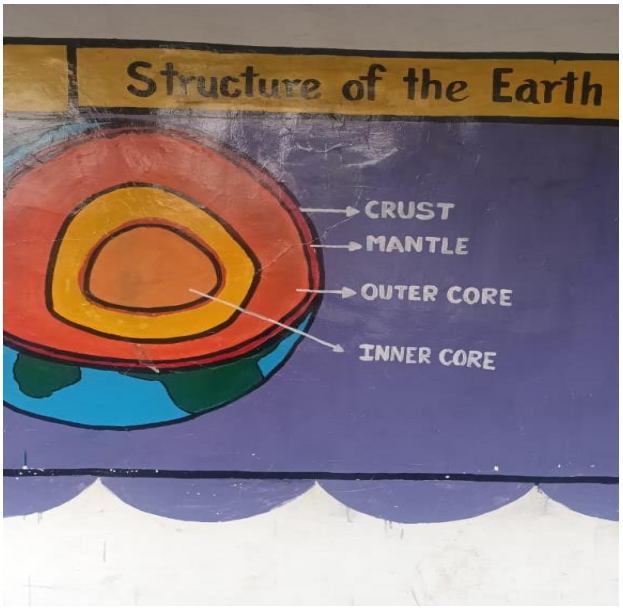
CONCLUSION

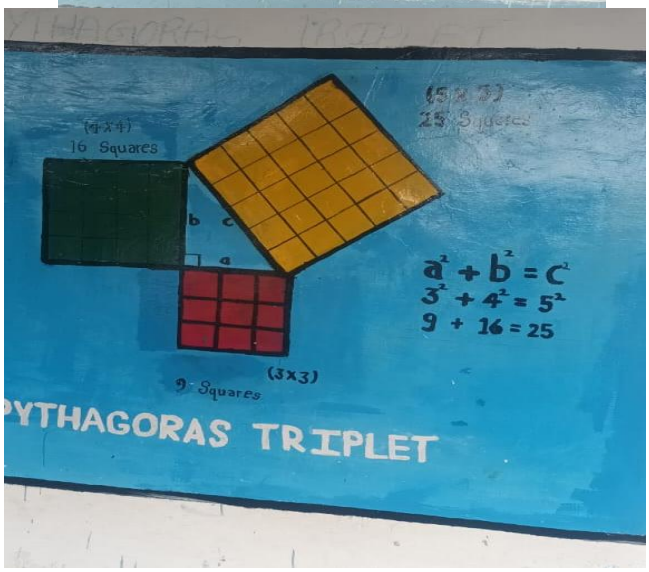
THE IMPLEMENTATION OF THE BUILDING AS A LEARNING AID (BALA) CONCEPT AT KENDRIYA VIDYALAYA PULGAON CAMP HAS BEEN A TRANSFORMATIVE STEP TOWARD MAKING EDUCATION MORE ENGAGING AND EFFECTIVE. DESPITE THE CHALLENGES FACED DURING THE PROCESS, THE OUTCOMES HAVE BEEN OVERWHELMINGLY POSITIVE, WITH STUDENTS DISPLAYING HIGHER LEVELS OF ENGAGEMENT, CREATIVITY, AND UNDERSTANDING. AS THE SCHOOL CONTINUES TO ADAPT AND IMPROVE ITS BALA INITIATIVES, IT SERVES AS A MODEL FOR OTHER EDUCATIONAL INSTITUTIONS LOOKING TO INTEGRATE INNOVATIVE LEARNING PRACTICES INTO THEIR ENVIRONMENTS

.

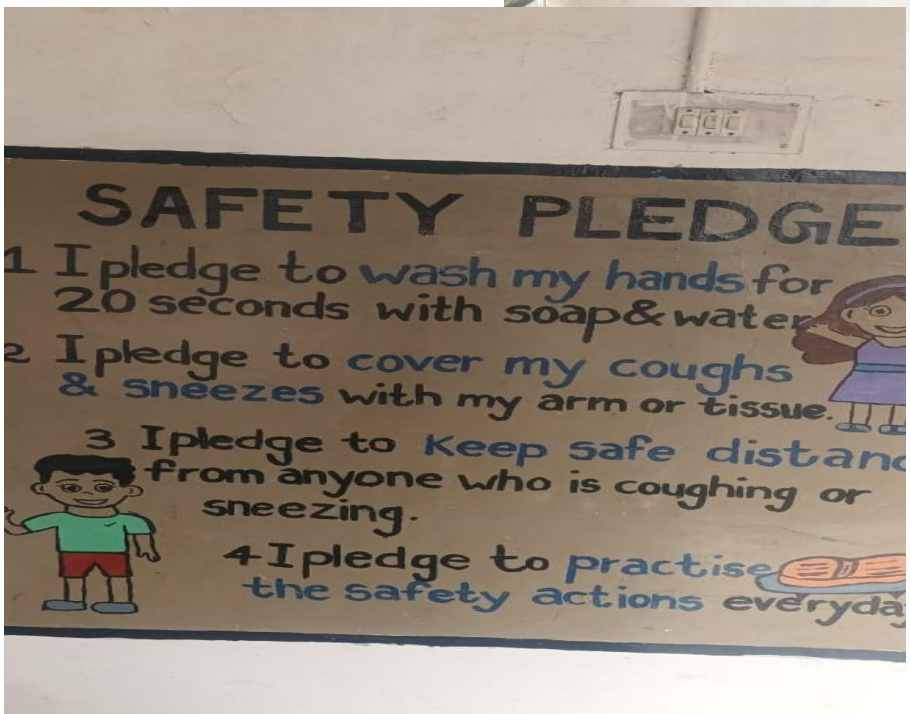



IN MY CONTROL
My thoughts & action
What I give my energy to
How I speak to myself
The goal I set
How I spend my free time
How I handle Challenges
My boundaries
The action of others
Past
What other people think OF me


Structure of the Earth
CRUST
MANTLE
OUTER CORE
INNER CORE


16 Squares
25 Squares
9 Squares
a² + b² = c²
3² + 4² = 5²
9 + 16 = 25
PYTHAGORAS TRIPLET


Kilo-
Hecto-
Deca-
Base Unit
meter, gram, liter
Deci-
Centi-
milli-
TO CONVERT
DIVIDE
10
MULTIPLY


SAFETY PLEDGE
1 I pledge to wash my hands for 20 seconds with soap & water
2 I pledge to cover my coughs & sneezes with my arm or tissue.
3 I pledge to Keep safe distance from anyone who is coughing or sneezing.
4 I pledge to practise the safety actions everyday