A PROJECT BY STUDENTS OF GRADE - 3

#### Fabric Fantastic

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#### **Introduction to Project Based Learning**

- Students learn through real-world, meaningful projects.
- Emphasizes active participation and engagement.
- Encourages application of knowledge and skills.
- Involves creating a product or presentation.
- Promotes critical thinking, collaboration, and problem-solving.





#### **Objective**

- To promote environmental awareness and reduce textile waste.
- To encourage creativity and innovation through hands-on activities.
- To develop sewing and basic design skills.
- To improve teamwork, planning, and problem-solving abilities.





#### Overview of the project

#### In small groups, students:

- Brainstormed ideas to transform old clothes into functional items
- Cut and sewed fabric into items like pencil cases, tote bags, and other useful products.





## Launch



























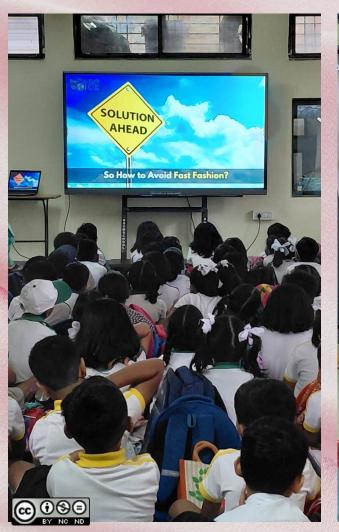






















# **Project Details**





Team collaboration

Research on fabric waste

Collected old clothes

- Learnt basic crafting skills
- Made bags & pencil cases





# INTEGRATION OF SUBJECTS





#### Subject integration

- English
- Math
- Science
- Social Science
- Hindi
- Marathi
- Drawing





# ENGLISH





- Real-world grammar application
- Focused on sentence formation, tenses & punctuation
- Described products using correct structure
- Emphasis on clear, correct language
- Presentations boosted grammar & communication skills





#### MATHEMATICS





- Measured fabric
- Used rulers and scales
- Unit conversions
- Strengthened understanding through real-life application





#### SCIENCE





- Learnt waste segregation & disposal
- Understood Four R's: Reduce, Reuse, Refuse, Recycle
- Recycling clothes reduce waste
- Cotton identified as eco-friendly fabric





### Social Science





- Impact of fast fashion on environment & people
- Effects of clothing waste on society & nature
- Discussed recycling & community actions for the planet





# <u>Hindi</u>





- पुराने कपड़ों से थैले बनाना पर्यावरण-अनुकूल, रचनात्मक और किफायती है।
- रिसायकल करने से संसाधन बचते हैं और कचरा कम होता है।
- हाथों से बनी चीजों से खुशी मिलती है।





# Marathi





• राम-लक्ष्मण यांचा पेहराव साधा आणि मर्यादित होता. पूर्वी कपड्यांचा पुनर्वापर होत असे आणि कपडे वाया जात नसायचे.

• आपल्या गरजा मर्यादित ठेवून वस्तूंचा योग्य वापर करावा. अवास्तव गरजांना आळा घालून पर्यावरणाची संरक्षण करू शकतो.





# Drawing





- Students used different colors and shapes to make their designs look good.
- Drawing helped them share their ideas clearly and creatively.





# **Expert Talk**











































## Field visit



#### Recovery Textile Facility- Ravi Jagtap sir, Sharing information about Recycling, Upcycling, Compressing, Reuse, Rejecting fabrics.







#### Ravi Jagtap sir, explaining about Recycling of clothes





#### Mr. Imran Qureshi sir, explaining about the handloom fabrics



















# <u>Understanding and</u> <u>Designing Fabrics</u>





#### **Granny - Teaching students how to stitch pillow**





#### **Granny- Teaching students to stitch mat**







#### Students discussion on the product





#### **Students - Learning stitching**







#### Practicing stitching on the sewing machine





#### **Students - Designing the products**







#### Students working on the product-Apron







## Students cutting cloth bags, water bottle covers.







#### Students stitching cloth bag, pencil stands







#### Students - Using fabric glue













## End product







## Students displaying their end product



























#### Scrunchies, Mobile holder, Apron













#### Cloth bags, Coasters, Pencil stands, Wall hanging





















