

A PROJECT BY STUDENTS OF
GRADE - 3

Fabric Fantastic

BHAGYALAXMI SARLA GURUSAHANI MEMORIAL
(BSGM) SCHOOL AND JUNIOR COLLEGE (SCIENCE) -
GURUSAHANI NAGAR, N-4, CIDCO, CHH SAMBHAJINAGAR





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

Hindi

- 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





Understanding and **Designing Fabrics**

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





Thank



You