

# EXEMPLAR PROJECTS

## PROJECT 1

### GARBAGE IN GARBAGE OUT

Students may take up an interview based project. An interview with well framed questions may be used to gather information, data and then these may be analysed to draw some useful conclusions.



#### STEP 1 - WHAT DO WE WANT TO FIND OUT?

We produce so much waste everyday at school, e.g. papers, aluminium foils, barrels of pens and pencil shavings. Where is all this taken finally? Can we get something useful from the waste?

#### STEP 2 - WHAT WE HAVE TO DO?

You may become a “Save My Earth-Journalist”. The next time a junk/ scrap dealer- (*kabaddwala*) comes to your house to collect household waste material. Interview him while selling the waste. Be respectful, offer him a glass of water and ask him if he would have the time to answer a few

of your questions. Inform him that you are pursuing a school project. An example questionnaire is provided.

### STEP 3 - HOW TO GATHER DATA ?

Name : .....

Age : .....

Number of years spent in the trade: .....

What mode of transport does he uses to roam around your colony?

Where does he go and sell his products? Note down the address of the shop and ask for the location.

What all products does he accept from people apart from paper? Tick the appropriate and verify the money offered for each

- Metals- iron, copper, etc \_\_\_\_\_
- Plastic \_\_\_\_\_
- Old newspapers/magazines \_\_\_\_\_
- Cardboard \_\_\_\_\_
- Bottles – glass, plastic, metal \_\_\_\_\_
- Wood \_\_\_\_\_
- Electronic waste, used CD's, computer wastes, etc. \_\_\_\_\_
- Others \_\_\_\_\_

Thank the scrap dealer for his time and try interview another scrap dealer. Compare your notes.

Make a list of, what you learnt from your interaction with the scrap dealer?

### STEP 4 - WHAT DID WE FIND OUT?

Which materials are generally sold by the people to the scrap dealers?

Which materials are purchased by scrap dealers at higher cost?

### STEP 5 - WHAT MORE CAN WE DO ?

Make a poster and generate awareness. You can design your own posters by being creative.

Do not throw away anything that can be recycled!

Here is a list of things you should always recycle (or reuse!).

To make your poster look good, you may add pictures of these things to be recycled.

Aluminium cans, Building materials, Cardboards, Chemicals, Electronic equipments, Glass (particularly bottles and jars), Magazines and Newspapers, Metals, Papers, Plastic Bags, Plastic Bottles, Tyres, Electrical appliances, Wood, Acid, batteries, etc.

## **STEP 6 - ASSESSMENT**

Students will work in groups. Plan of action can be different for different groups. Some may use posters/pamphlets; some may like to have a street play on recycle and save earth.

Assessment may be done on groups involvement and presentation of their conclusion.

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**PROJECT 2****CAN WE HELP TO SAVE THE ENVIRONMENT?**

This is a small project which is meant to create awareness among children about the alarming situation of our environment. Environment has become a 'global dust bin', everyone talks and expresses concern about environmental degradation but none of us make even the slightest effort to reduce degradation and help conserve the natural environment. Through this project, an attempt has been made to convince the students that through individual and collective action we can contribute, in whatever, small way we can, to save the environment. This will also instill a 'feel good' feeling among children since they have acted for a worthy cause. Children can also learn from each other and can take a proactive role in the school by starting a "child brigade for environment".

**HOW DO WE BEGIN?**

This can be cast either as a group activity or as an individual task. Students will gather information from each other/teachers/other employees in the school/ elders/ parents/ siblings/ at home and fill in the Table 1

**Table 1**

S.No	Wastes generated in the school	Have I contributed to waste generation? (Y/N)	Wastes generated at home	Have I contributed to waste generation? (Y/N)
1				
2				
3				
4				
5				
6				
7				

Students will analyse certain features related to the wastes generated such as – In what state are they? How do they effect the environment? Are they bio-degradable? They will fill up the Table 2.

**Table 2**

S.No	Type of waste	Solid / Liquid / Gas	How does it affect the environment	Is it biodegradable?
1	Ball pen/refills	Solid	Land/Soil pollution	No
2				
3				
4				
5				

Next, students will categorise the wastes into those that can be recycled and those that can be reused by obtaining the required information from different sources and fill up the Table 3.

**Table 3**

S.No	Type of waste	Recyclable/Reusable
1	Lunch Box	Reusable and recyclable
2		
3		
4		
5		

### WHAT AFTER?

From the above list, one item is selected which is non-biodegradable. Students will explore through various sources/ways (teachers/internet/ environmental groups) by which reuse/recycling can be done. They will prepare posters through which they will communicate to others the information they have collected. At the end, they will also take a pledge that, in future, they will minimise the use of non-biodegradable materials. Whenever they use such materials, they will ensure its safe disposal or their availability for reuse/recycling purpose.

**PROJECT 3****WE CAN FACE THE WORLD**

Visually challenged persons can read, write and can do many more things very successfully. Do you know Helen Keller?

Helen A.Keller, an American author and lecturer is perhaps the most well known and inspiring visually challenged person.

She was born in 1880 as a healthy baby girl in a small town in Alabam.

Just when she was 18 months old she suffered with high fever for few days and lost her sight and hearing power.

It was very disappointing for her and for her family, but a teacher, Miss Sullivan helped young Helen to learn about the world around her.

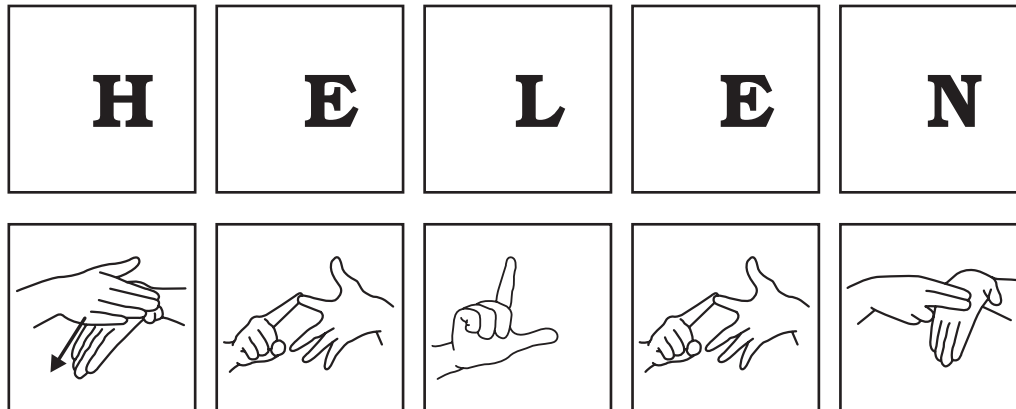
Because of her determination, courage and hard work, Helen was able to complete her graduation from a university.

Helen wrote a number of books including



**Helen A. Keller**

“The Story of my Life (1903)”



Do you know some persons in our country visually challenged and have been excelled in any field. Find out at least any one of them – His / Her struggles and achievements

Do you know some children with special needs? Write about them how they handle things and face the world

Teacher may discuss about Braille in the class