

SUSTAINABLE DEVELOPMENT GOALS

**Goal
1**



End Poverty

No one should suffer because they have less money.

**Goal
2**



End Hunger

No human should ever suffer because of lack of food.

**Goal
3**



Health and Well Being

A healthy world free of diseases.

**Goal
4**



Quality Education

Every child in the world has the right to good education.

**Goal
5**



Gender Equality

A world where every gender gets equal respect and is given equal opportunities.

**Goal
6**



Clean Water for all

Clean water to drink and clean themselves and improve public health

**Goal
7**



Affordable and Clean Energy

Clean Electricity in every home, every day, without pollution.

**Goal
8**



Decent Work for all

Jobs for everyone to take care of themselves and better their life

**Goal
9**



Innovation to benefit all

Modern and safe technology for development of all.

**Goal
10**



Reduce Inequality

Help and support people who don't have equal opportunity.

**Goal
11**



Safe cities and surroundings

Build communities that are safe and harmless to both people and the planet.

**Goal
12**



Responsible Usage

Careful usage of resources and products to avoid unnecessary waste creation.

**Goal
13**



Stop Climate Change

Everybody does what they can to stop climate change caused by human actions.

**Goal
14**



Protect the Ocean

Working together to keep the seas and oceans clean and life under water safe.

**Goal
15**



Life on Land

Earth is the only home for a lot of animals and living things. Take care of them.

**Goal
16**



Live in Peace

No fights, No crimes. Peaceful solutions to problems, fights and crimes of all kind.

**Goal
17**



Work Together to reach goals

Educate people about these goals and work together to complete them.



WHAT IS GLOBAL WARMING

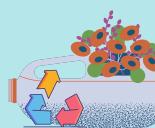
Irresponsible human activities around the world have led to increase in pollution, waste and overuse of natural resources. As a result, our earth's climate is changing and temperatures are rising. Leading to Global warming and many man-made disasters.



How can we go from 'What I SEE' to 'What I WISH to see'?
Let's follow Farah and her 10 everyday actions to reduce global warming.



While bathing and brushing, she **turns off the tap when not needed and tightly shut the taps after use** to avoid dripping. This saves water and the electricity used to fill water tanks.



For any waste and broken things, she thinks of other **creative ways to reuse** it. She recently used old plastic bottle for growing plants at home.



She **cycles to work** to reduce pollution and not waste fuel. It even reduces traffic jams!



She goes to the shop **using public transport** - public buses and trains to reduce pollution and wastage of fuel.



At work, she makes sure to carry the right amount of food so that she **doesn't waste food**. She shares excess food with her friends.



While shopping, she carries **paper bags or cloth bags instead of buying plastic bags**.



At work, she makes sure to **switch off unused lights, fans and other appliances** to not waste electricity.



When she gets time, she **plants trees** in her neighborhood. They reduce pollution and gives shade from heat. She loves sitting under them!



She **carries her own water bottle and refills** water to not produce single use plastic waste.



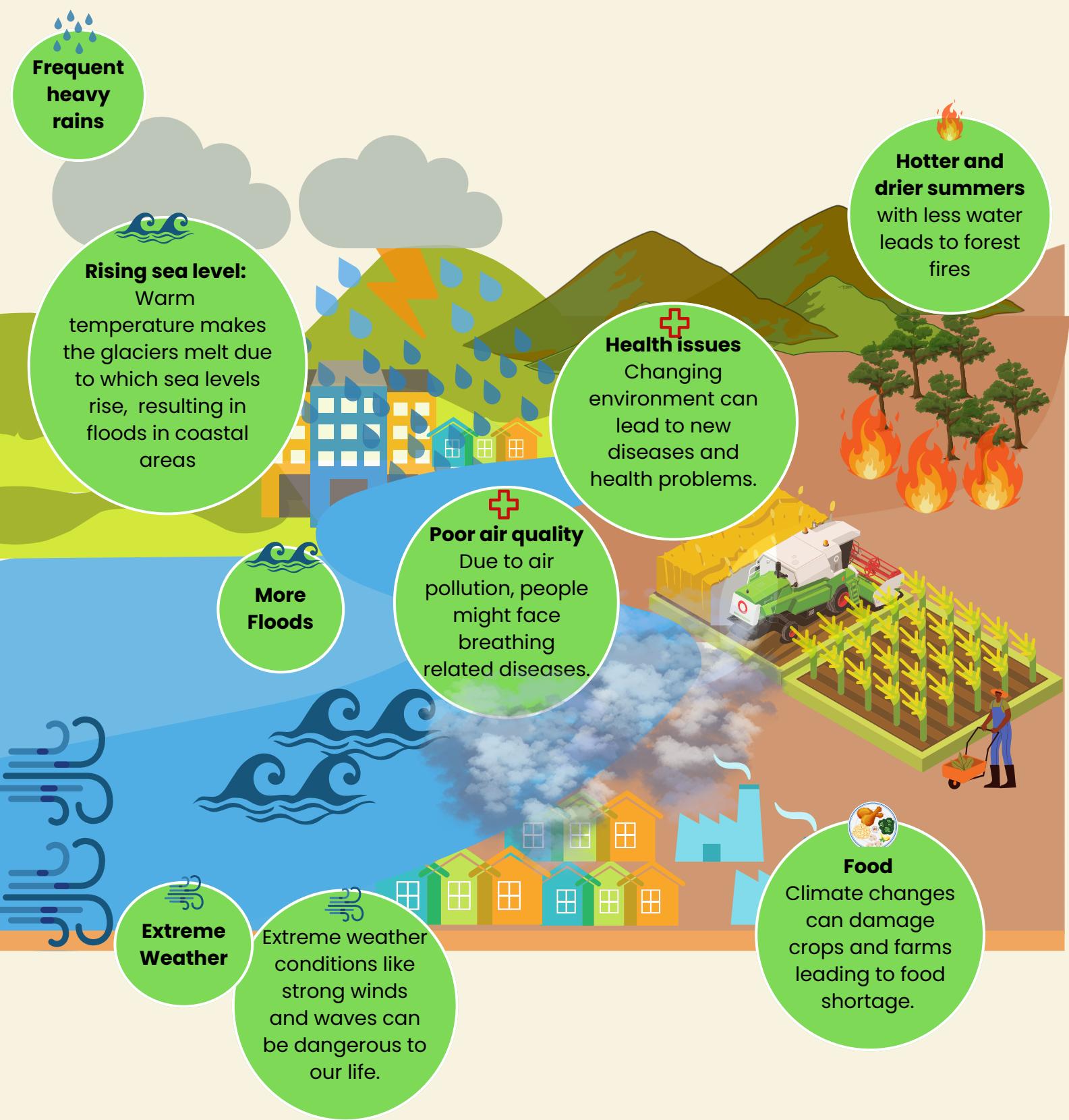
She **talks to her friends and family about** the actions that can be taken to prevent global warming.

EFFECTS OF GLOBAL WARMING

Have you thought of what would happen to us because of Global Warming?

It can harm our planet, life and future.

Let us look at the effects of Global Warming on our life.



WAYS TO ACHIEVE SUSTAINABLE DEVELOPMENT GOALS

You must have noticed that SDG's focus on making people's lives better and protect our planet. Let's look at some of the actions that we can take to achieve the SDG's concerned about people and planet.

5 GENDER EQUALITY



Boys and girls should equally participate in household work.



Learn to work along with both boys and girls. There is a lot to learn from each other!



Encourage girls to participate in sports.

3 GOOD HEALTH AND WELL-BEING



Getting 8-9 hours of sleep daily keeps you healthy.



Limit yourself from watching TV or mobile phones for a long time.



Play sports and stay fit to be healthy

13 CLIMATE ACTION



Avoid burning plastic waste.



Take part actively in cleaning up your school or community spaces.



Make your parents and friends aware about global warming.

15 LIFE ON LAND



Trees are home to a lot of animals and birds. Take care of plants and trees around you.



Plastic waste is a threat to birds and animals if eaten up by them. Don't litter.



Don't harm animals and birds. Speak up against animal cruelty.

Taking care of both planet and people is important. Each one is depended on the other!

EVERYDAY PRACTICES TO LEAD A SUSTAINABLE LIFE



Repair and Reduce

When something is broken or damaged, repair and use them. We can avoid buying new things and producing excess waste.



Oh no! I torn my shirt. Now I have to buy a new one



Small tears are repairable. With the help of a tailor, get it stitched. You can reduce wastage. Also save money!



Recycle and Reuse

Use old and unused items to create something new. It will lead to lesser waste and less usage of resources.



Oh no! I need to buy new notebooks for rough work!



Check if you have unused empty pages in your old notebooks. You can use them to make a rough notebook instead! You'll save trees!



Responsibly using resources

There are limited resources on planet. Using them wisely and without wasting is important.



Oh no! Water is limited at home and there's not enough to water plants!



Don't worry. Make sure to turn off taps. Collect rainwater and kitchen waste water to water plants!



Using environment friendly things

Some things can be harmful for the land, air and water. By using things that are environment friendly we can reduce harmful waste.



There are so many plastic bags at home. It keeps increasing!



Reuse the old plastic bags you have. Avoid buying more plastic bags instead carry your own cloth bags or recycled bags

WHAT CAN WE DO TO REDUCE INEQUALITY?

Reducing Inequality is important so that everyone can grow better together and no one is left behind! Here are a few steps you can take to reduce inequality.

DONATE

Donate books and clothes in good condition to those who cannot buy it.



SHARE

Share your books and stationery with your classmates who don't have them



HELP

Help those in need. Elderly people, differently abled and younger children may need your support.



RESPECT

Different people may speak and dress differently. Respect every culture. You can even learn more about their culture!



INNOVATE

Create better solutions to make life easier for those in need like the differently abled and elderly people.



Natural Bamboo Flower Pots



Magnetic Buttoned Shirt for handicapped

LET'S MEET SOME PROBLEM SOLVERS!

Every time you find a solution to a problem, big or small, you become a problem solver! Here are a couple of student teams just like yours, who tried solving problems in their surroundings. Let's read about them!

1

MULTI PURPOSE BAGS

What is the Problem?

Students Rajesh, Abhishek and Venu from Telangana, India (in the picture below) found that farmers and workers in the fields do many kinds of work in the fields at the same time, like plucking cotton, chilly, vegetables, fruits and also spraying fertilizer in the field and find it difficult to do it together.



How did they solve it?

The made a Multipurpose Bag for Agricultural Utility (MBA). It is a low-cost solution, designed for farmers to do various physical works. The bag has multiple pockets to carry the relevant tools, collect cotton, chilly, vegetables or spray fertilizer using the pipe attachment. Shoulders are padded with sponge to make the user experience smooth.



2

WASH BASINS FROM WASTE

What is the Problem?

Students found that old water cans are a major part of plastic waste.



How did they Solve it?

They recycled the old water can by cutting them and making them into water basin that could be used in their school.



Time to get INSPIRED!

LET'S KNOW MORE ABOUT SOCIAL INNOVATION

Social Innovation is a new idea to solve a problem faced by a group of people that makes the life of people better

Let us get to know about 2 young innovators who inspired us with their social innovation!

1

Solar Light that gets charged in sunlight while walking to school



Made of waste plastic bags



This is Thato, a student from South Africa. She makes schools bags out of old plastic bags. These bags have a solar lamp as well. It gets recharged by the sunlight and provides light to study!

In their country, electricity is not always available. Through this innovation, she made use of plastic bags and turned them into lights. As it is useful for many people, her solution is a Social Innovation!

2



Senses Obstacles and makes sounds!

Riya Karumanchi, from Canada, saw her friend's grandmother, who was blind, found it difficult to walk using normal walking stick alone. So Riya innovated and made the normal walking stick better by making a device called the Smart Cane.

Smart Cane is an innovative walking stick for people who are blind. It vibrates to alert its user of any obstacles, wet surfaces, has a GPS navigation to give directions in audio and an emergency button to send out help signals, in case of danger.



Time to get INSPIRED!