















Moving tomatoes and the Global Goals

Look at the SDGs sheet and discuss how a better way of moving tomatoes down a mountainside could have a big impact on Suchana's life and help her reach the different Global Goals. Write down your thoughts.

Choose one more Global Goal and in the blank box write why you think moving tomatoes might help farmers achieve it.

<div><div>1NO POVERTY</div><div></div></div> <div>How will moving tomatoes help end poverty for Suchana and her daughter?</div>	<div><div>2ZERO HUNGER</div><div></div></div> <div>How will moving tomatoes help end hunger for Suchana and her daughter?</div>	<div><div>3GOOD HEALTH AND WELL-BEING</div><div></div></div> <div>How will moving tomatoes help ensure a healthy life for Suchana and her daughter?</div>
<div><div>4QUALITY EDUCATION</div><div></div></div> <div>How will moving tomatoes help ensure Suchana's daughter has a good quality education?</div>	<div><div>8DECENT WORK AND ECONOMIC GROWTH</div><div></div></div> <div>How will moving tomatoes help ensure Suchana has a good, reliable business that can grow?</div>	<div></div>

The Sustainable Development Goals (SDGs)

	No poverty	End poverty in all its forms everywhere.
	Zero Hunger	End hunger, achieve food security and improved nutrition, and promote sustainable agriculture.
	Good Health & Well-being for People	Ensure healthy lives and promote well-being for all at all ages.
	Quality Education	Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.
	Gender Equality	Achieve gender equality and empower all women and girls.
	Clean Water & Sanitation	Ensure availability and sustainable management of water and sanitation for all.
	Affordable & Clean Energy	Ensure access to affordable, reliable, sustainable modern energy for all.
	Decent Work & Economic Growth	Promote sustained, inclusive and sustainable economic growth, full and productive
	Industry, Innovation & Infrastructure	Build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation.
	Reducing Inequalities	Reduce income inequality within and among countries.
	Sustainable Cities & Communities	Make cities and human settlements inclusive, safe, resilient, and sustainable.
	Responsible Consumption & Production	Ensure sustainable consumption and production patterns.
	Climate Action	Take urgent action to combat climate change and its impacts by regulating emissions and promoting developments in renewable energy.
	Life Below Water	Conserve and sustainably use the oceans, seas and marine resources for sustainable development.
	Life on Land	Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, halt and reverse land degradation and halt biodiversity loss.
	Peace, Justice & Strong Institutions	Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.
	Partnerships for the Goals	Strengthen the means of implementation and revitalize the global partnership for sustainable development.

Squashed Tomato Challenge

Name:

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Class:

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Design 1



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**Practical
ACTION**

Squashed Tomato Challenge

Name:

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Class:

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Design 2



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**Practical
ACTION**

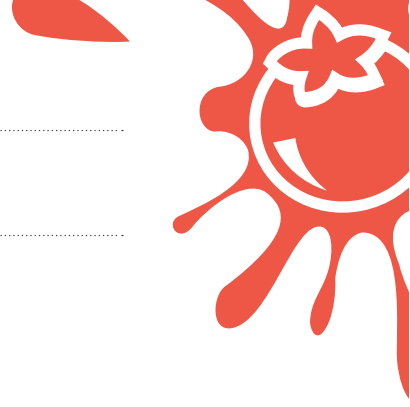
Squashed Tomato Challenge

Name:

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Class:

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Which design did you choose and why did you choose it?

How many tomatoes or what weight of tomatoes did your design move in 2 minutes?

Do you think it worked well?

What would you like to change in your final model?

What will you do differently next time you do a challenge like this?



Team Feedback

Imagine you are working for a charity and need to choose one group's model design to scale up to make an aerial ropeway.

Practical ACTION

Name:

To help you decide, when listening to the presentations of other groups think about how well they meet the criteria for the challenge set out below. Make notes and give them a mark out of 5 for each area, where 5 is the best.

[illegible]

Suchana's story

Nepal

Nepal is a diverse country with over 120 languages. The Himalayan Mountains stretch across the north of the country, whilst the lowlands in the south sometimes flood. Nepalese New Year is every April and is celebrated with street parties and processions. In 2015, severe earthquakes in Nepal destroyed the homes of around 500,000 families and many people are still living in temporary shelter.

Agriculture

Nepal is an agricultural country, with approximately two thirds of the population working in farming. However, only 20% of land in Nepal can be cultivated and much of this land is in the hills, where there is limited infrastructure, such as roads. This makes it difficult to transport farm produce to towns and cities.

Nepal is also a country that is especially vulnerable to the effects of climate change, which affects the ability of farmers to grow produce. There has always been a rainy season in Nepal, but now the rains are heavier and carry on for longer. It is important to help farmers find solutions which increase productivity and minimize damage to crops whilst they are being grown and whilst they are in transport.

Suchana's Story

Suchana Mijar is 20 and lives in the village of Mana, in the far west of Nepal, with her daughter Sonisa. Due to economic hardship, Suchana's husband works in India as a labourer. Rural life is hard, with families often having little or no access to health care, education or clean water. Many people are subsistence farmers, meaning that most of what they grow is for their family. It is difficult to sell enough produce to break the cycle of poverty.

Like many rural women, Suchana had to carry heavy loads down the mountain to market whilst she was pregnant. These journeys would take around 3 hours and once, Suchana slipped, falling around 25 meters.

With help from JOA and Practical Action [and the EU], aerial goods ropeways have now been installed and Suchana no longer needs to make long, dangerous trips to sell her farm produce. Suchana believes that the ropeways have made a huge difference to her life.

"I was very happy when I saw the ropeway working because now we won't ever need to carry heavy loads to and from the market again. Just thinking about the past year makes me appreciate the difference. The chance of injury or death is much lower now."



"I believe my daughter will have a healthier future. Maybe in the future we can sell more. I want to educate my children better than the level I got to so they can get good jobs."

