



ASPECTS

Production and distribution of a Climate Change 'text-book' for use in schools - written in Marathi and English

Background/Basis

Research shows that one of the key challenges in village communities and schools is the lack of understanding/comprehension of what climate change is. Whilst interviews showed that the term 'climate change' is generally a familiar one, the majority of village residents and students could not explain what it was, how it has come about or how it manifests itself.

If village communities, and future generations, are to address the challenges a changing climate brings about then they need the knowledge within which to base their experiences and needs.

Furthermore, whilst climate change is included in the school curriculum, no specific resources are available for teachers to use with their pupils. Therefore, where content is provided it is often based on internet materials which are often inaccurate or limited.

The Plan

We want to provide 5000 textbooks aimed at upper primary/lower secondary (4th - 8th Grade in Indian Schools) students. Whilst some may argue that a textbook is old-fashioned and can't be easily updated we believe that at this point in time, it is the most effective method. This is primarily because many rural schools have limited electrical power and even fewer digital devices to access it on. Text books can be shared and can be used by different schools at different times of the year. Furthermore, additional copies can be produced as additional funding comes available.

The Textbook

The text book would be approximately 60 pages in total. The text would appear in both English and Marathi (the local language).

The contents would include:

- what is climate change
- where does carbon come from
- how do we know the planet is warming
- what is net-zero
- health and climate-change (air pollution, migration, disease growth, life expectancy)
- the law (Indian and Global)
- nature based solutions
- the importance of biodiversity
- key terminology
- climate leaders in India (examples)
- climate myths - finding the truth
- the psychology of climate change
- the interconnectedness of climate change

To Accompany the Text Book

We recognise that you cannot simply put the textbooks into schools and expect the materials to be used in an effective and appropriate way. To support the delivery of these books we will produce a set of materials to support schools in their delivery. This would include:

- training sessions on climate change for staff from schools
- production of wall charts and other materials to support learning
- the use of a 'What's App' group to respond to issues and share good practice
- the creation of a shared digital repository which would include approved videos, links to other website and updates to materials

Key Principles/Ethics

Our intention is to support those who work in schools or in communities that are profoundly affected by climate change. One of the biggest challenges faced by educators is access to high-quality teaching materials that allow them to deliver a high quality curriculum to their pupils. Neither do we intend to dictate how the material is delivered, as we believe that teachers and school leaders are best placed to make those decisions about communities they know well.

Furthermore, where possible we will source the production and manufacture of materials from local (Indian) businesses.

The Budget

What	Description	Costs
Textbook Printing	Cost of Printing 5000 Copies (Colour and Bound)	£5000
Translation	Costs of Translation from English to Marathi	£500
Support Materials	Production of Posters (or similar) for Classroom Walls	£1000
Training Materials for School Staff	Teachers Guide, Training Venue Costs etc - Training for 100+ Teachers	£1000
Website	Online Digital Hub for School Staff - support materials	£500
Total		£8000

Climate and Natural Disaster Words हवामान आणि नैसर्गिक आपत्ती शब्द			
English	Marhati	English	Marhati
 Earthquake भूकंप	वातावरण	Desert	वाळवंट
 Volcano ज्वालामुखी	हवामान	Tropical	उष्णवृत्तीय
 Typhoon टाफून	वादळ	Polar	ध्रुवीय
 Wild Fire जंगली फायर	पाऊस	Meteorology	हवामानाचा अभ्यास करणारे शास्त्र
	तुफान	Heat	उष्णता
	पावसाळा	Cold	थंड
	दग	Climate Change	हवामानातील बदल
	धुके	Forest	जंगल
	गडगडट	River	नदी
	वीज चमकणे	Lake	सरोवर
	सुका दुष्काळ	Mountain	पर्वत
	पूर येणे	Valley	दरी
	हरितगृह परिणाम	Coastline	समुद्र कनिरा
	पाणी	Equator	उष्णवृत्त
	हवा	North Pole	उत्तर ध्रुव
	वातावरण	South Pole	दक्षिण ध्रुव
	तापमान	Village	खोडगाव
	धूम्रवाती वादळ/पर्यंच वादळ	Town	छोटे शहर
	वारा	City	शहर
	सूर्यप्रकाश	Rural	ग्रामीण
	सुर्य	Urban	शहरी
	बर्फ	Frost	दग बट्टि/ गोठलेले दग

Above: Example of Support Poster

