

## Improved device for cleaning and fluffing cotton



**Dipak**  
Rajubhai Marsuniya  
Class 11, Government  
High School,  
Surendranagar, Gujarat



**Ketanbhai**  
Chamanbhai Baraiya  
Class 9, Primary School,  
Sodhi, Ahmedabad,  
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**Kuldeep**  
Chandubhai Dantani  
Class 8, Maharshi Atri  
Tapovan,  
Gandhinagar, Gujarat



**Lensy Patel**  
Class 9, Shri K M Patel  
Vidyamandir,  
Sabarkantha,  
Gujarat



**Neel**  
Chandubhai Ramoliya  
Class 7, Dahisarda (Und)  
Primary School, Rajkot,  
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**Nensi**  
Aravinbhai Sachpara  
Class 8, Model School  
Hadmatiya, Bhavnagar,  
Gujarat



**Nilesh Hemani**  
Class 7,  
Divine Touch  
International School,  
Banaskantha, Gujarat



**Pareshbhai**  
Chhanabhai Trentiya  
Class 9,  
Shri KGS High School,  
Surendranagar, Gujarat



**Pradeep**  
Rameshbhai  
Chauhan  
Class 8, Garajiya  
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**Rohan**  
Dharmendrabhai  
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The students have observed the working of cotton cleaning and fluffing device and suggested improvements during Children's Creativity workshop by SRISTI. In this improved device, the input flatbed in original machine has been replaced by a slanting duct to ensure zero spillage of raw cotton thereby preventing wastage. On the output side the curtain has been replaced by a sliding door to prevent the escape of cotton fibres through curtain slits. Accumulated raw cotton on the input side can now be cleared using brush into the duct, preventing hand injuries for the operator. Dipak likes studying and making new things; he wants to become a mechanic so that he can mend things and solve people's problems quickly. Ketan and Paresb want to be a teacher. Kuldeep and Rohan both like Kabbadi and Cricket, and want to become a scientist and a police officer respectively. Lensy like travelling, painting and dancing. She wants to be a doctor so that she can help the needy. Neel and Nilesh like observing and making new things and want to become an engineer. Nancy and Pradeep like painting and studying, and want to become a scientist.

