

Research name	Making a model of the materials considered unnecessary to explain the pollination process in flowering plants
Purpose	Forming 21st century skills in students - critical thinking, creativity, cooperation and communication skills. Make a model of materials considered unnecessary for school. Various to develop the skills of "we can think and prepare models and stands" for classes. Ability to combine logical, critical, creative thinking and open to new ideas
Conclusion	1. Joint problem solving skills. 2. To form students' skills such as conducting deep and continuous research, finding new resources, creating a real product, making various decisions, choosing the right option, reflecting, and being able to demonstrate and present the product they have prepared.
Materials required	Matches, glue, scissors, ruler, beads (beading tree), motor, battery, fence, electrical wires, STEAM electrical engineering kit, colored pencils, junk materials
Description of the activity	1. Initially, a model of the house is made from matches and matchboxes. This model is then attached to a piece of wood. 2. Then we create an artificial wind machine that works with an engine. Because we want to demonstrate the pollination process. We place golden roses and bees in front of that device. All these are made from materials that are considered unnecessary. 3. We turn on lamps at home using the STEAM electrical engineering kit. As a result, we prepared an interesting model for the biology subject of our school. Integrated subjects: "Technology", "Fine art", "Biology"
The result of the work	https://drive.google.com/file/d/1FgAW0lyQQvnIBsc1WN56JuCt9UUH3Xn6/view?usp=sharing