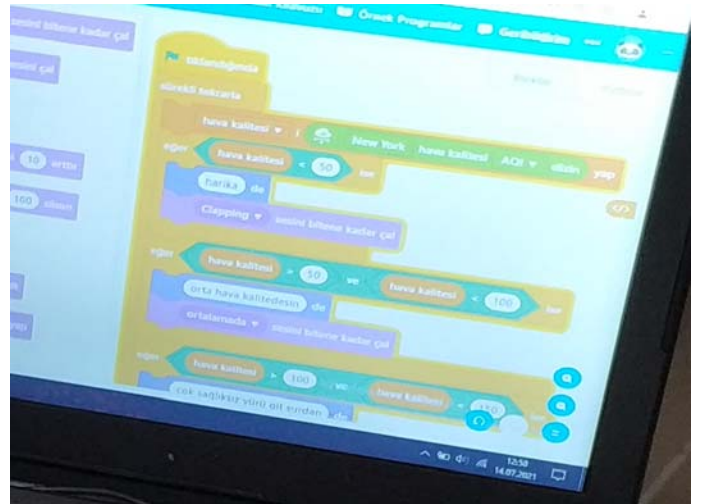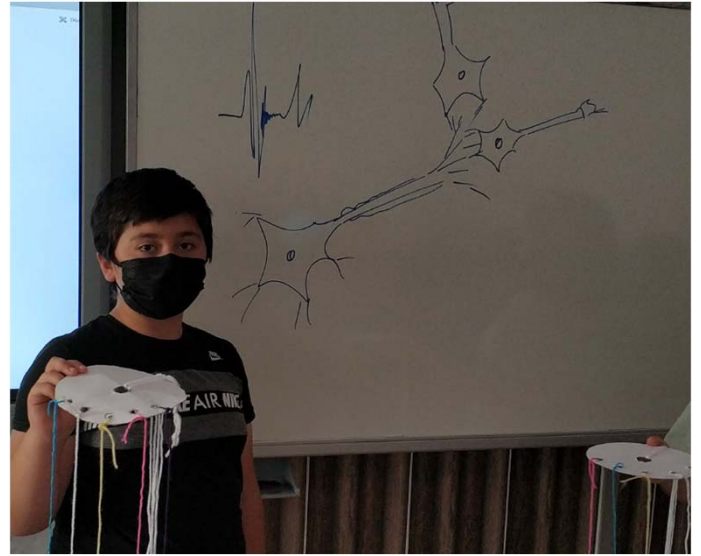**Mehmet Yıldız| General Şükrü Kanatlı Secondary School | Kastamonu | Turkey**

13 CLIMATE ACTION

Positive Impact of Artificial Intelligence on Weather Change

In the project, the aim is to find solutions to the air pollution issue, which creates a negative situation in our world, with the support of artificial intelligence, taking into account the 13th goal, "Climate Action," within the framework of sustainable development goals. What is crucial here is the modeling of artificial neural networks through design-focused thinking, and brainstorming sessions are conducted with the help of students to gather data. Students actively participated through hybrid learning, engaging in questioning and collaborative learning.

Method and Technique: Flipped Classroom Model, Brainstorming, Group Work and Introduction to Artificial Intelligence

Conclusion: Students are expected to engage in Artificial Intelligence studies in parallel with advancing technology to keep up with the developments.