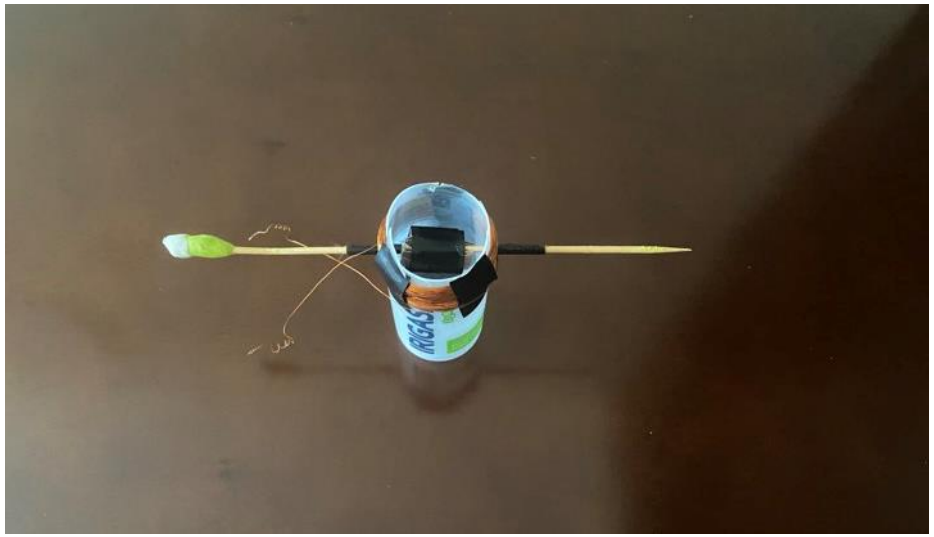
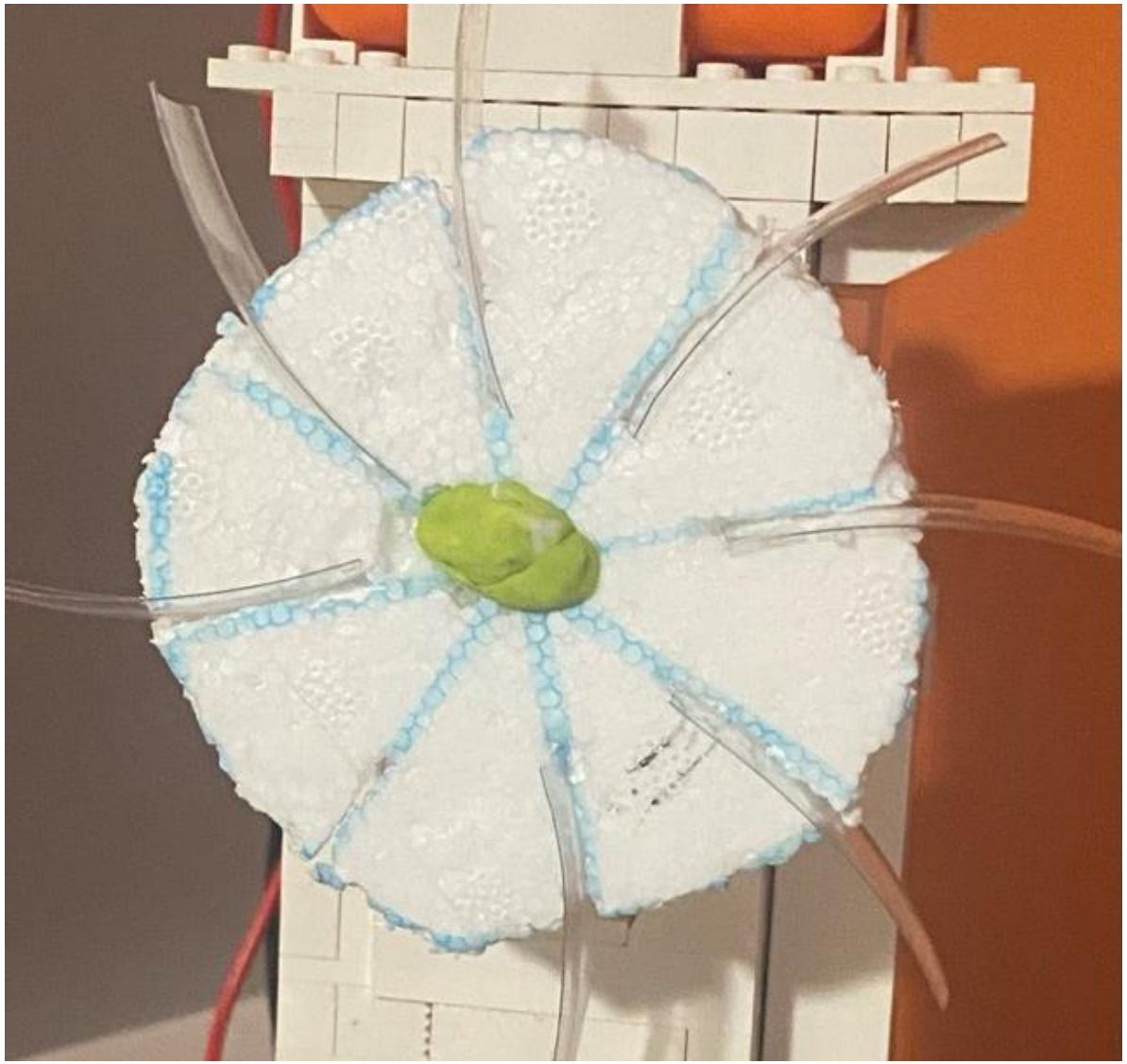
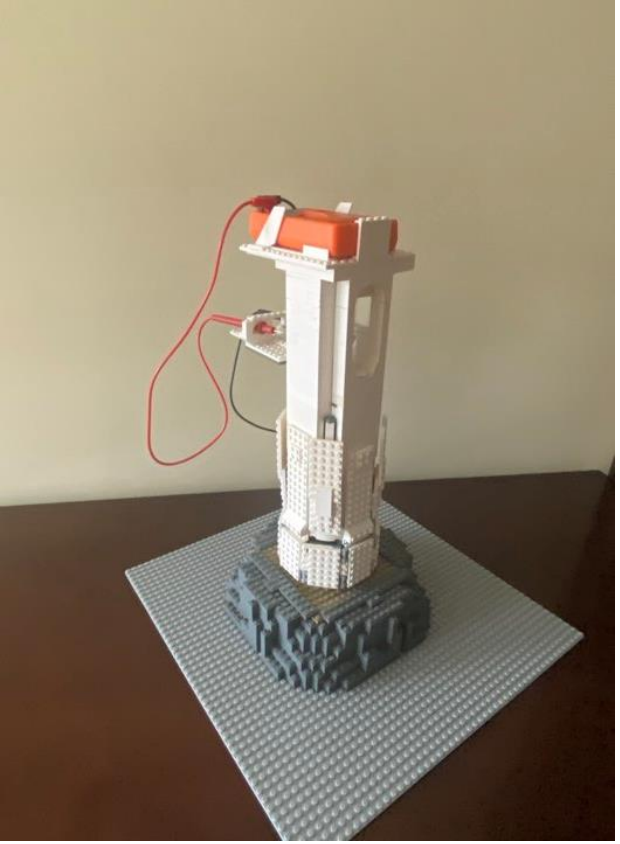
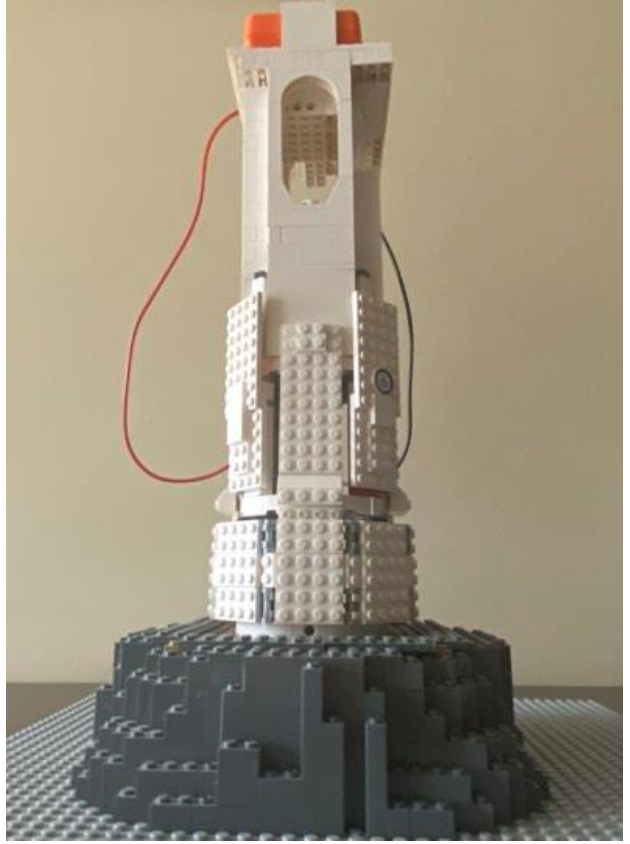
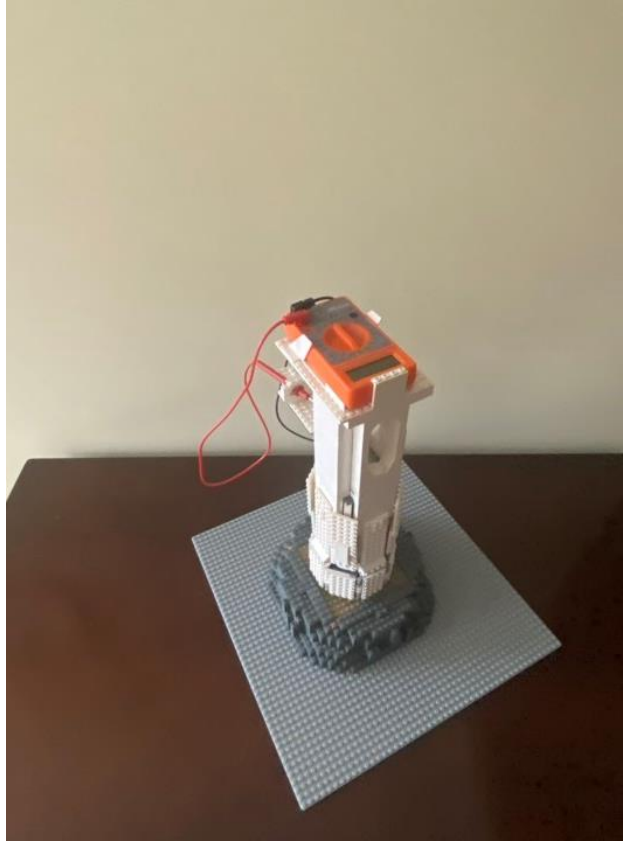
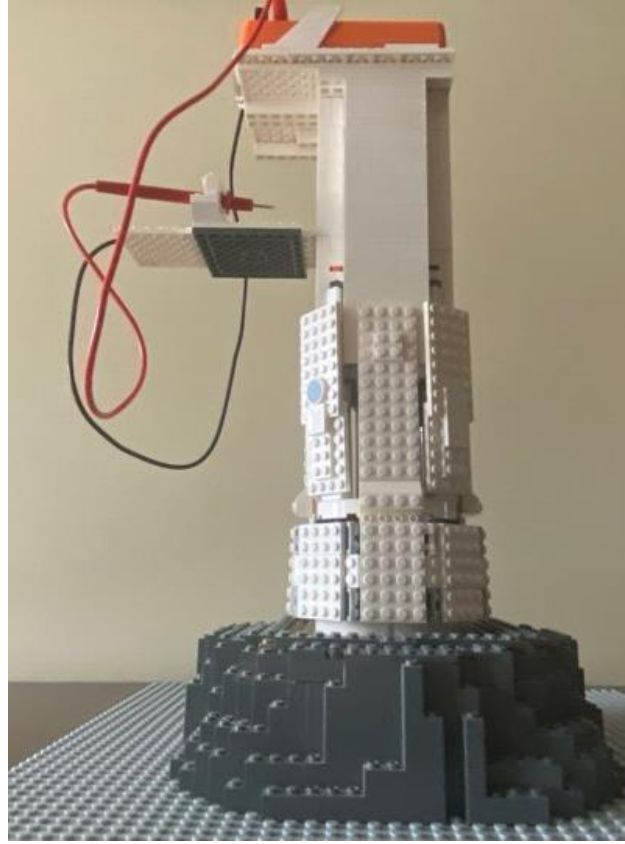
Description of the construction of the power plant:

- Generator construction:
- 16 neodymium magnets were attached to the center of the stick with insulating tape, previously stabilized with 2 pieces of cardboard - so that they did not move.
- A plastic bottle/tube (diameter: 4cm) will constitute the basis of the power plant. Before mounting the propeller, two holes were cut in the tube and a stick with magnets was placed in it - so that it could move freely in it.
- The tube was wrapped with copper wire (40 m), with approximately 300 turns.
- The ends of the copper wire were attached to the tube with insulating tape and then the insulation was stripped from them with scissors.
- A multimeter was attached to the ends of the wire.





- Propeller construction:
  - Plastic paddles (4 x 2 cm) were attached to the Styrofoam wheel.
  - Putting the propeller on a stick in a tube and securing its ends with plasticine (where one end is used to attach the wheel to the stick, and the other end balances the weight of the propeller).

- Construction of a wind farm model structure using Lego bricks and a multimeter.