



# Aayan's Inventions using Lego

Virtual STEM Science Fair July 2020  
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Theme: Engineering



## Aayan's Arctic Roller with Dinghy

*The Arctic Roller is a vehicle to transport scientists over the ice of the Arctic. It uses renewable energy to operate.*

*The Dinghy is available for use where the ice has turned to water and can be used as a rescue vehicle in deep water.*



## **Aayan's Arctic Hover-Copter and Rescue Boat**

*The Hover-Copter is shown on the left-hand side of the photo, next to a Rescue Boat. The Arctic Roller is shown at the rear of the photo.*

*The Hover-Copter has propellers like a Helicopter. It can fly, move across ice and be used as a submarine underwater. The vehicle enables scientists to carry out their research in different parts of the Arctic region.*

*The Rescue Boat is used with a portable umbrella that shines a light to assist vision in the dark.*



## **Summary** **Photo**

*Arctic Roller*  
(Right of photo)

*Hover-Copter*  
(Left of photo)

*Rescue Boat*  
(Front-Centre of photo)

*Arctic Testing Centre*  
(Rear-Centre of photo)