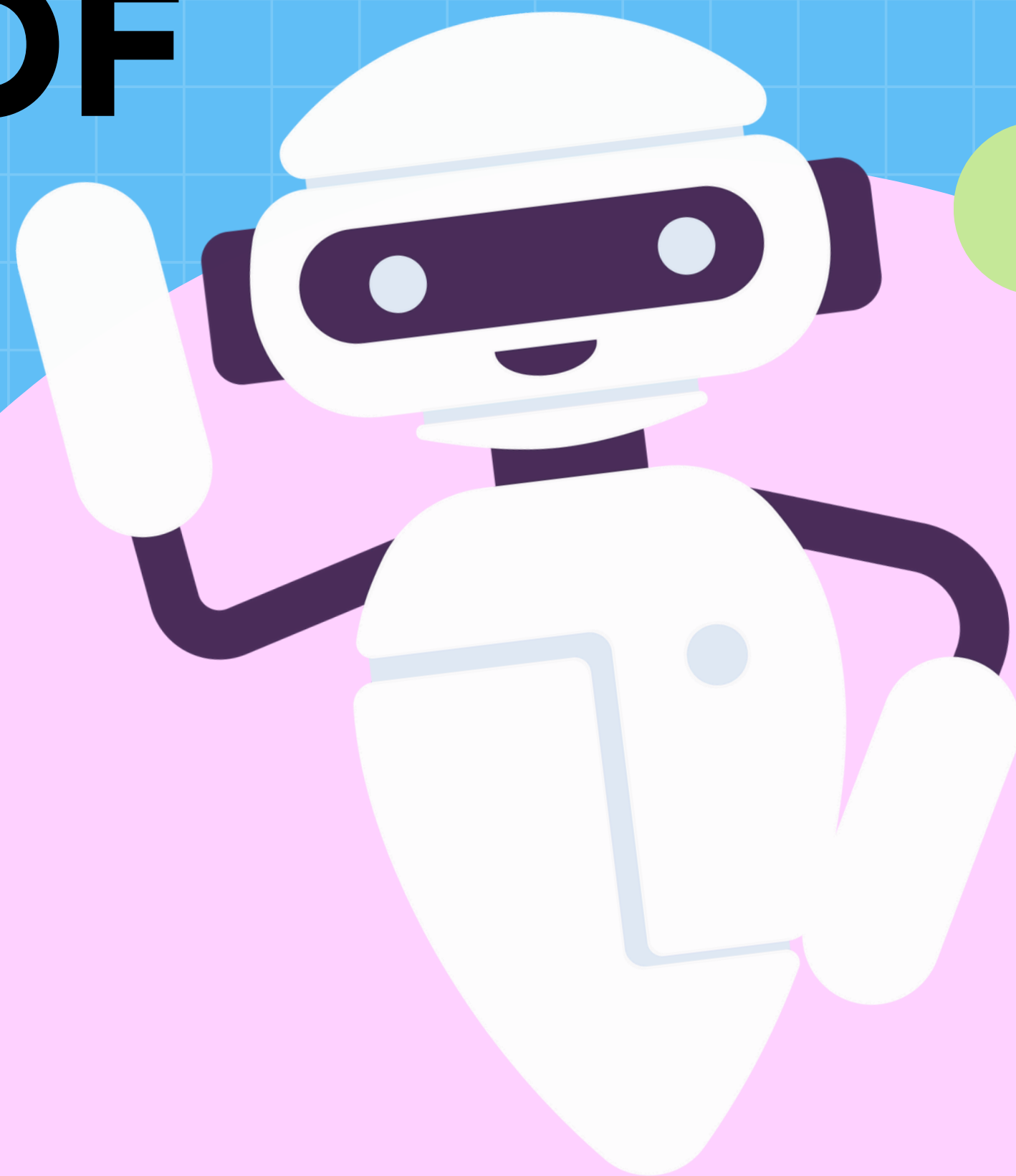


THE FUTURE OF ROBOTS

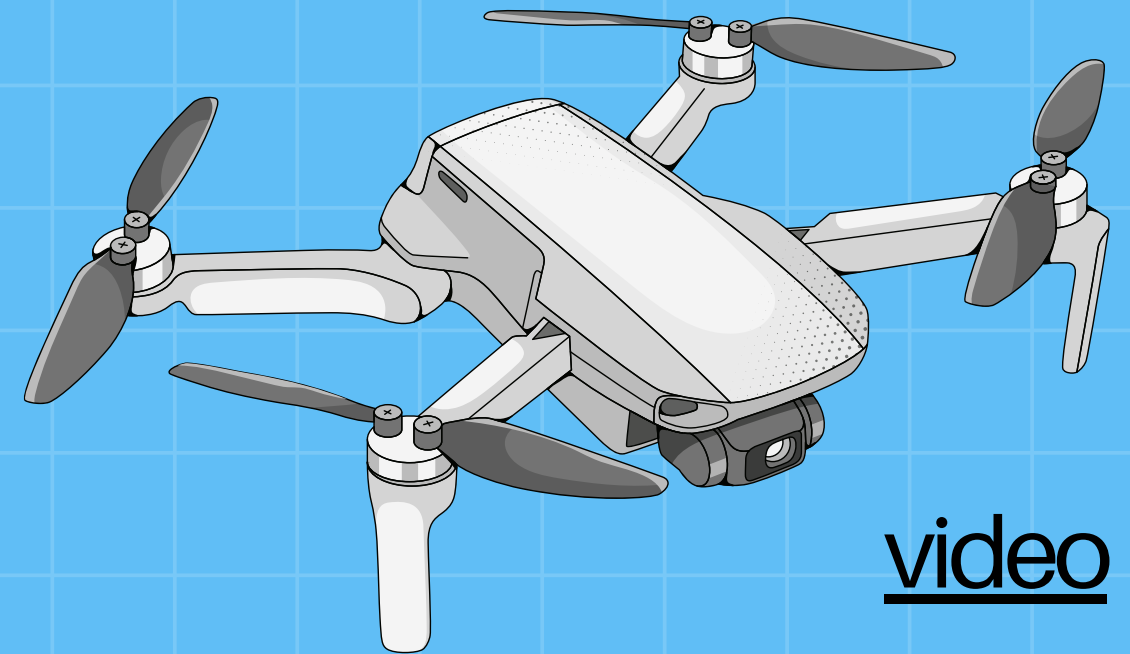
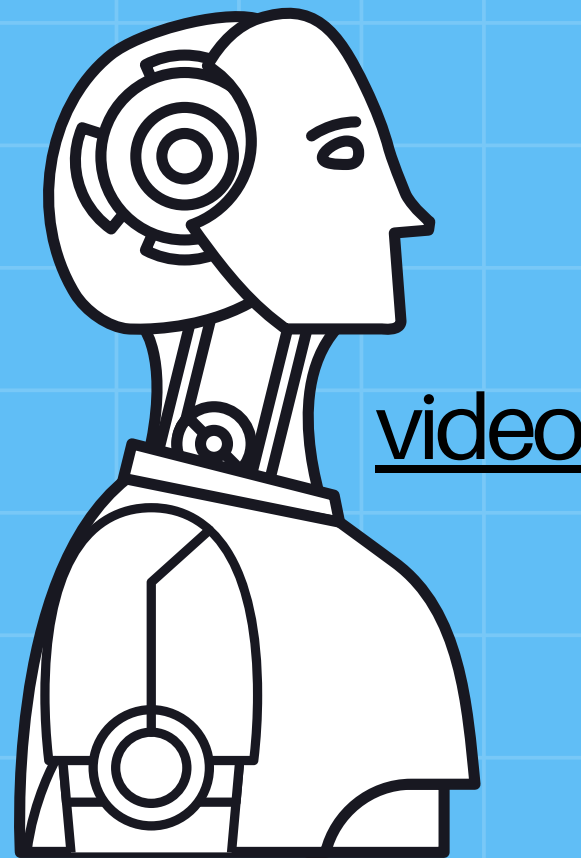
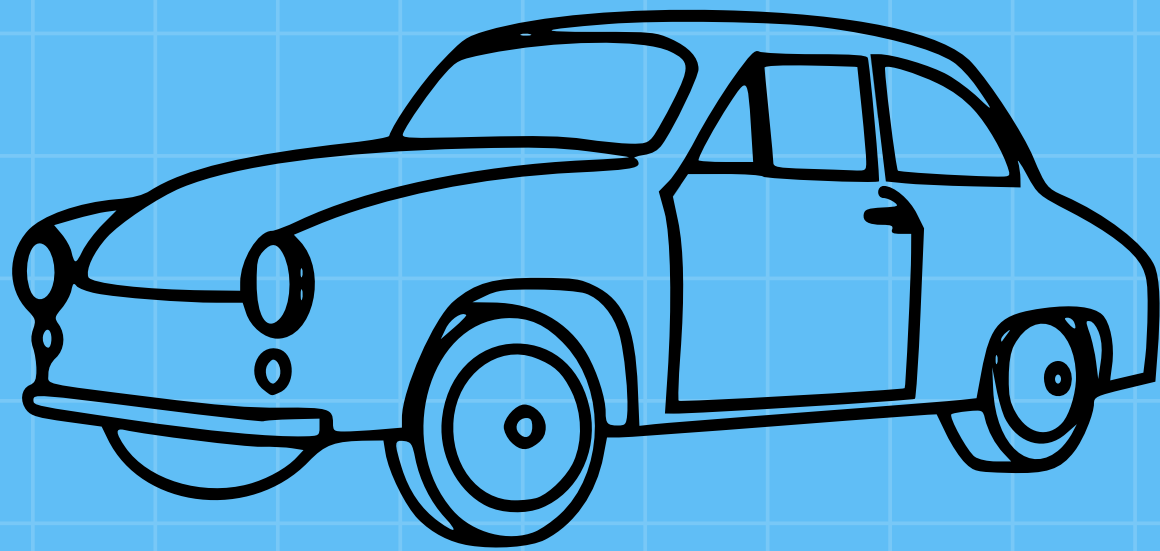
Aneta Bubeníčková, Nela Jurová



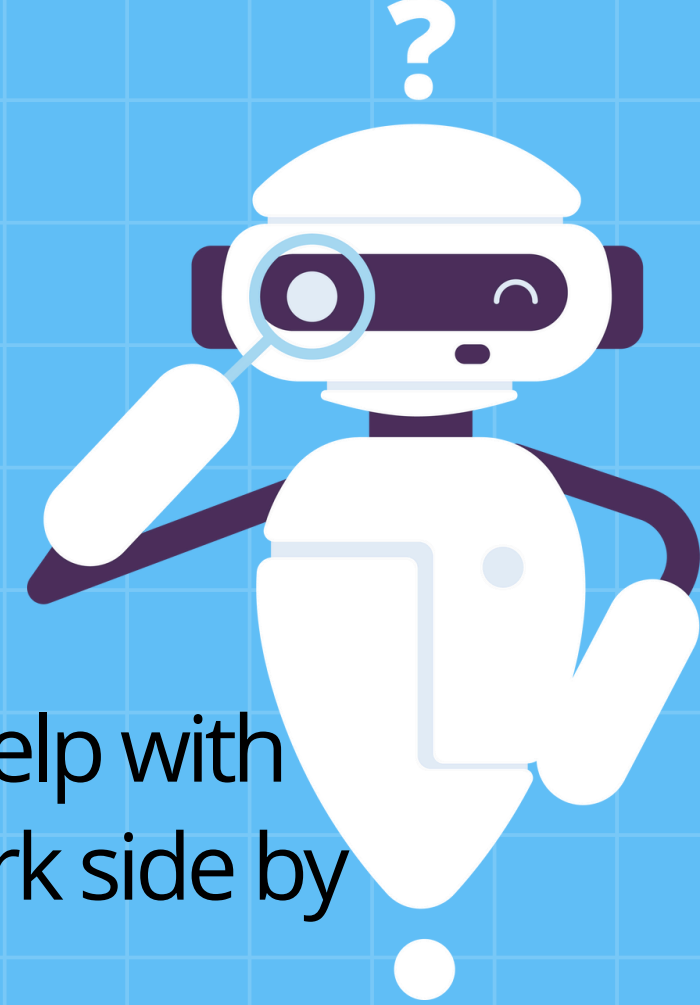
TRANSPORT AND LOGISTICS

Autonomous vehicles and drones – Self-driving cars and drones for package delivery (e.g. Amazon is already testing this).

Warehouse automation – Robots that organize inventory and prepare shipments quickly and efficiently.

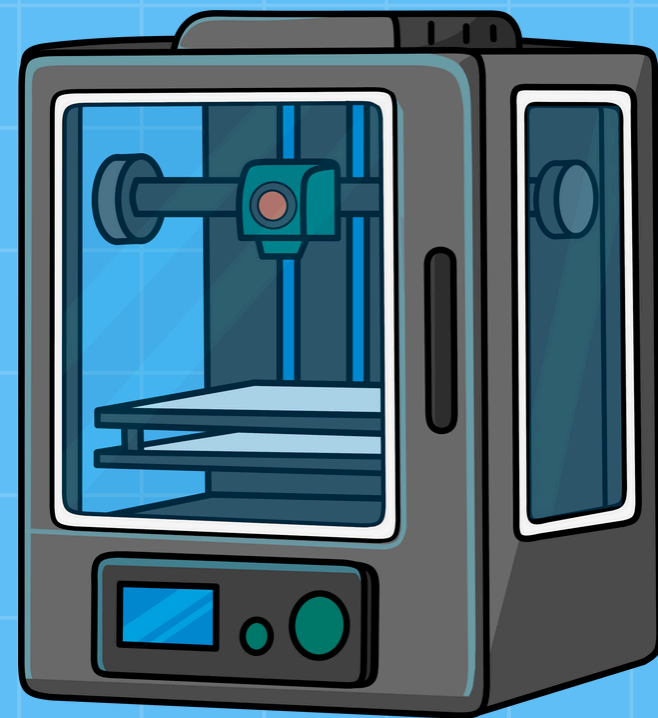
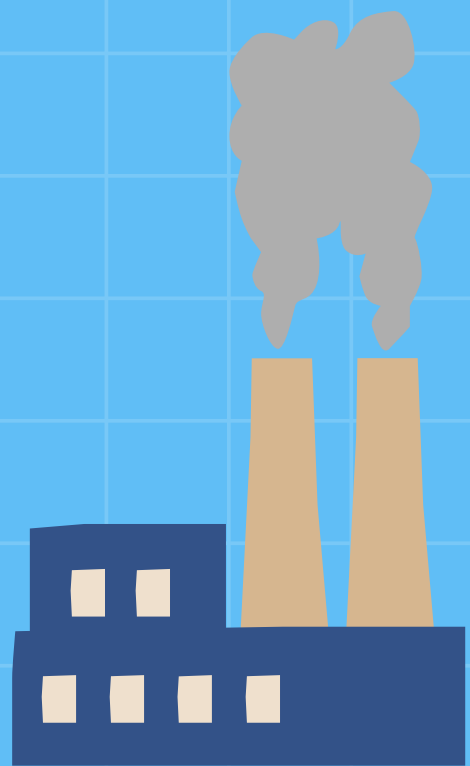


INDUSTRY AND MANUFACTURING



Factory automation - Robots already assemble cars, package goods, and help with production. In the future, they'll be even smarter, more flexible, and able to work side by side with humans.

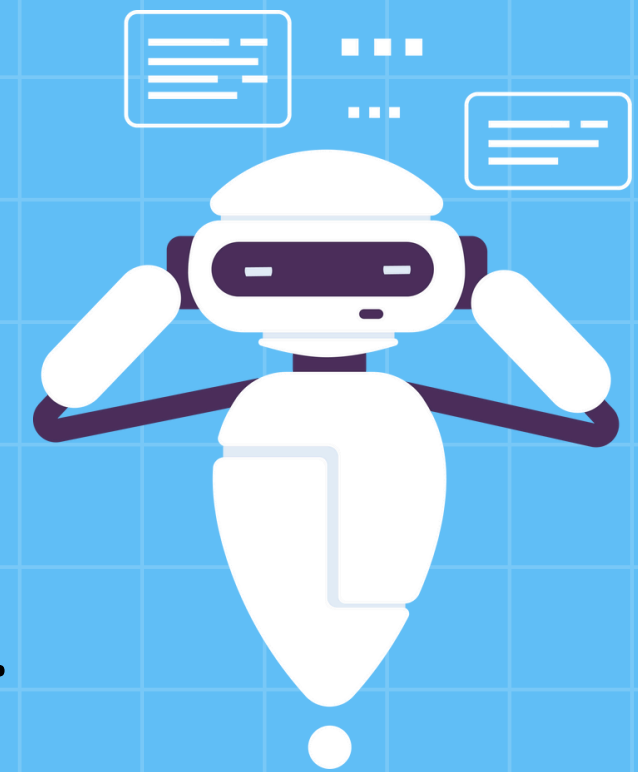
3D printing and robotic construction - Robots will build houses, roads, and bridges. Some are already 3D-printing entire homes from concrete.



video



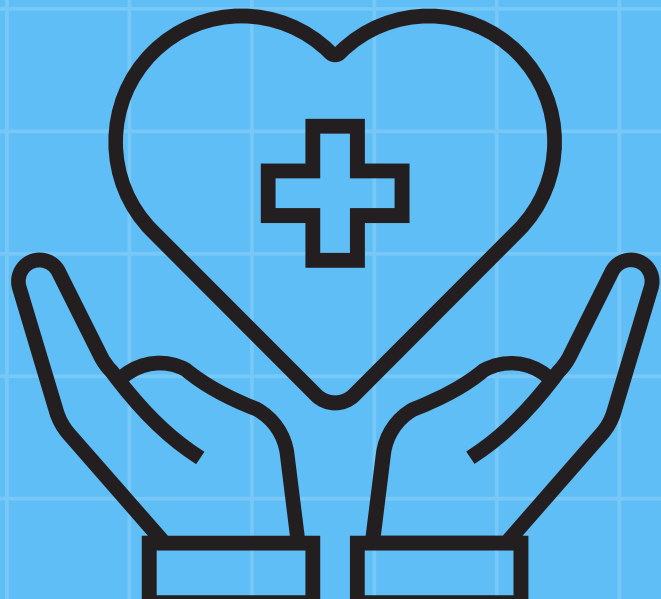
HEALTHCARE



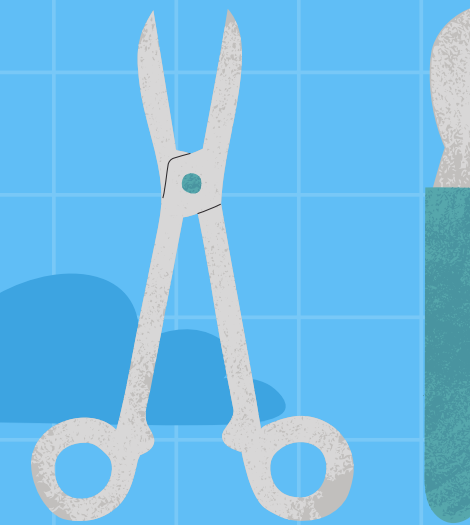
Surgical robots – Extremely precise robots assist surgeons in complex operations.

Elderly care – Robots can help with medication, communication, or mobility.

Diagnostics – With AI, robots will be able to analyze symptoms and suggest treatments.



video



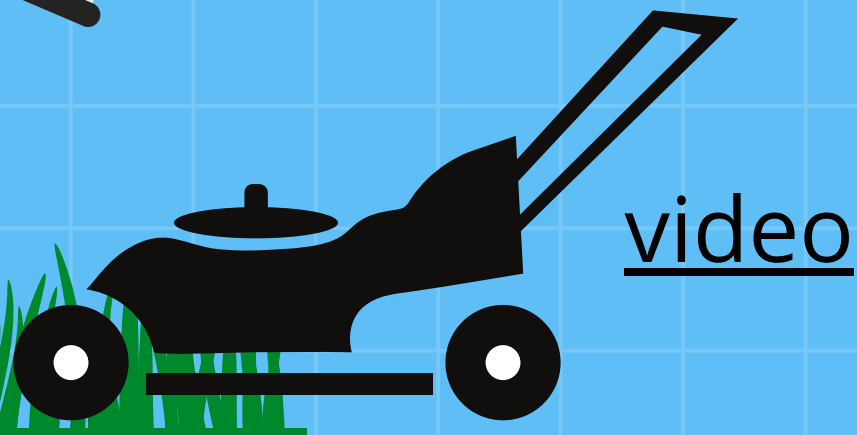
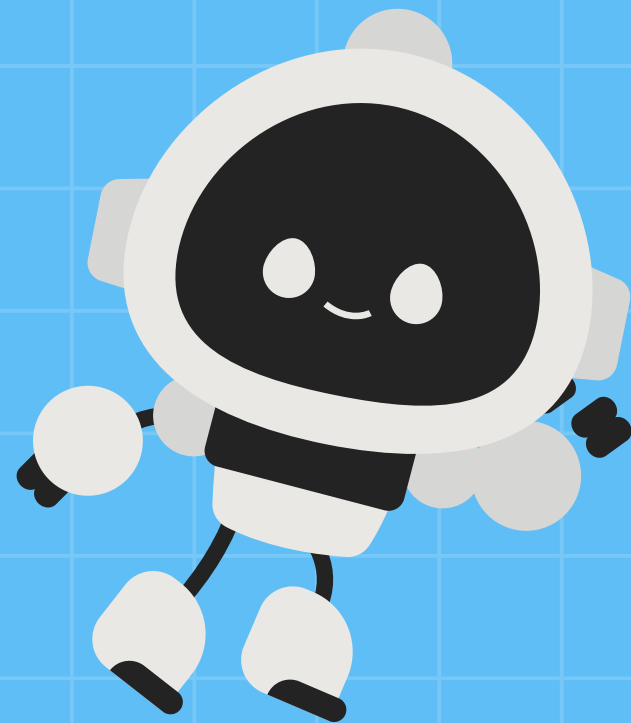
video



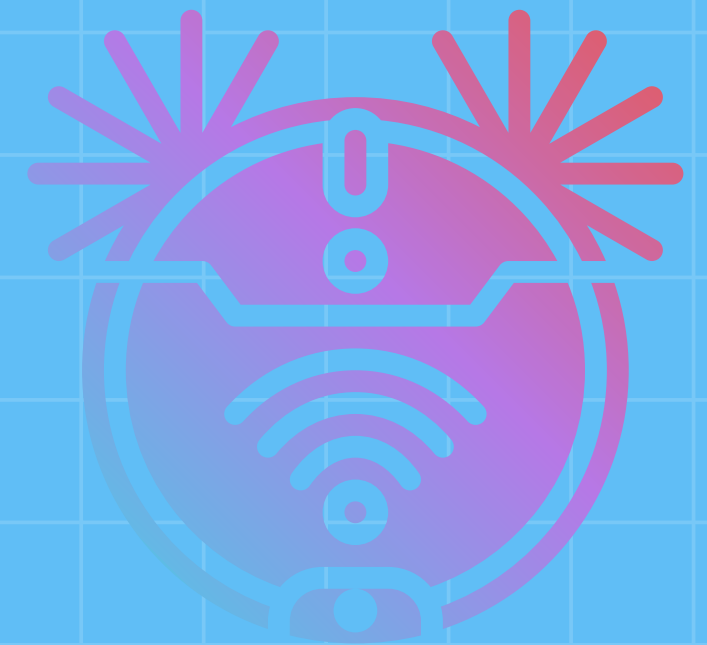
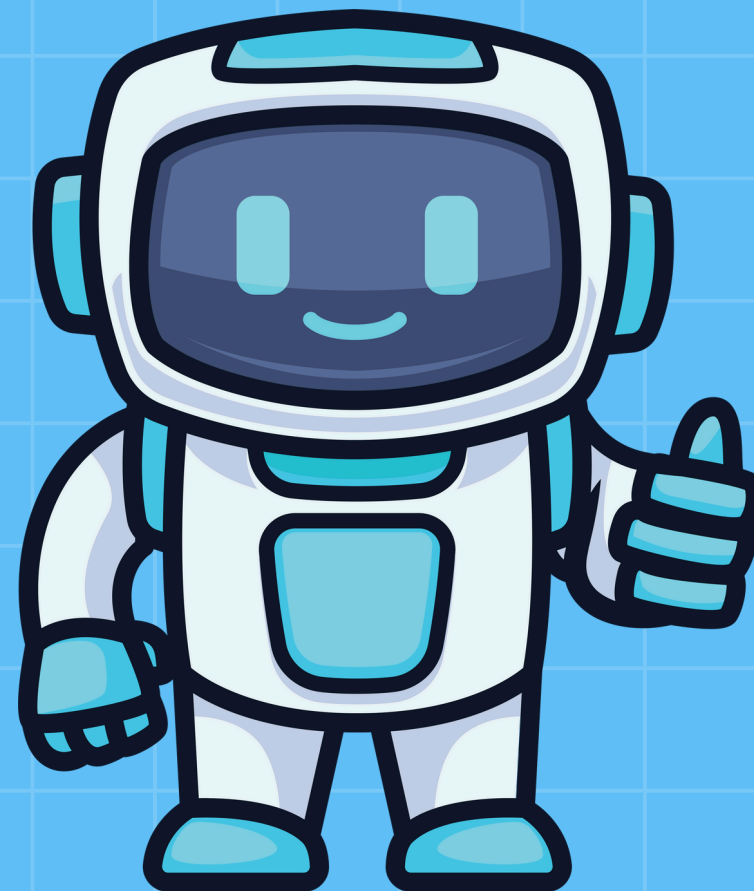
HOUSEHOLDS

Home assistants – Robots will clean, cook, take care of pets, or monitor the house.

Social robots – For lonely people, seniors, or children – robots you can talk to or play with.



video

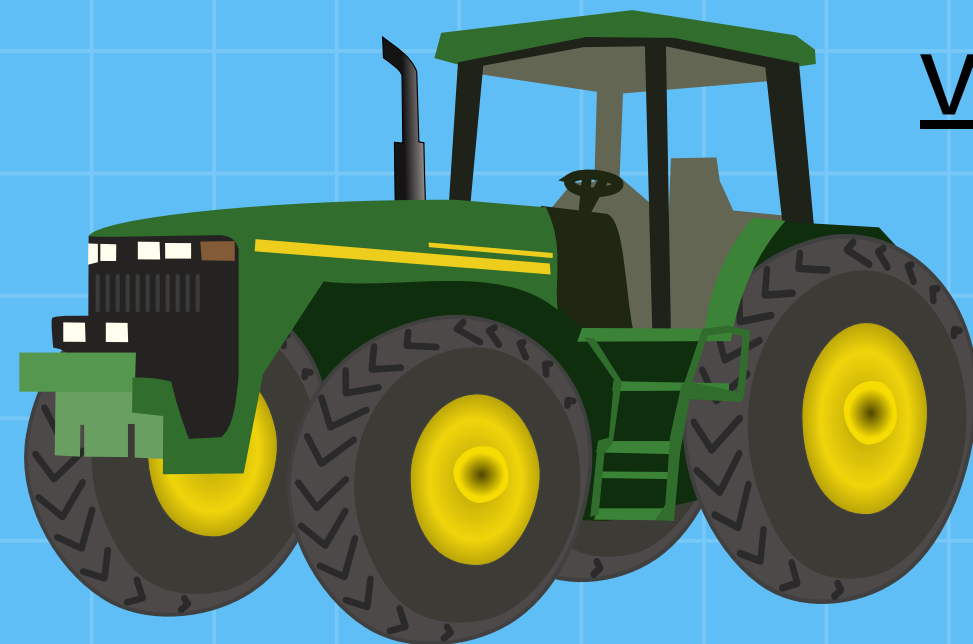


video

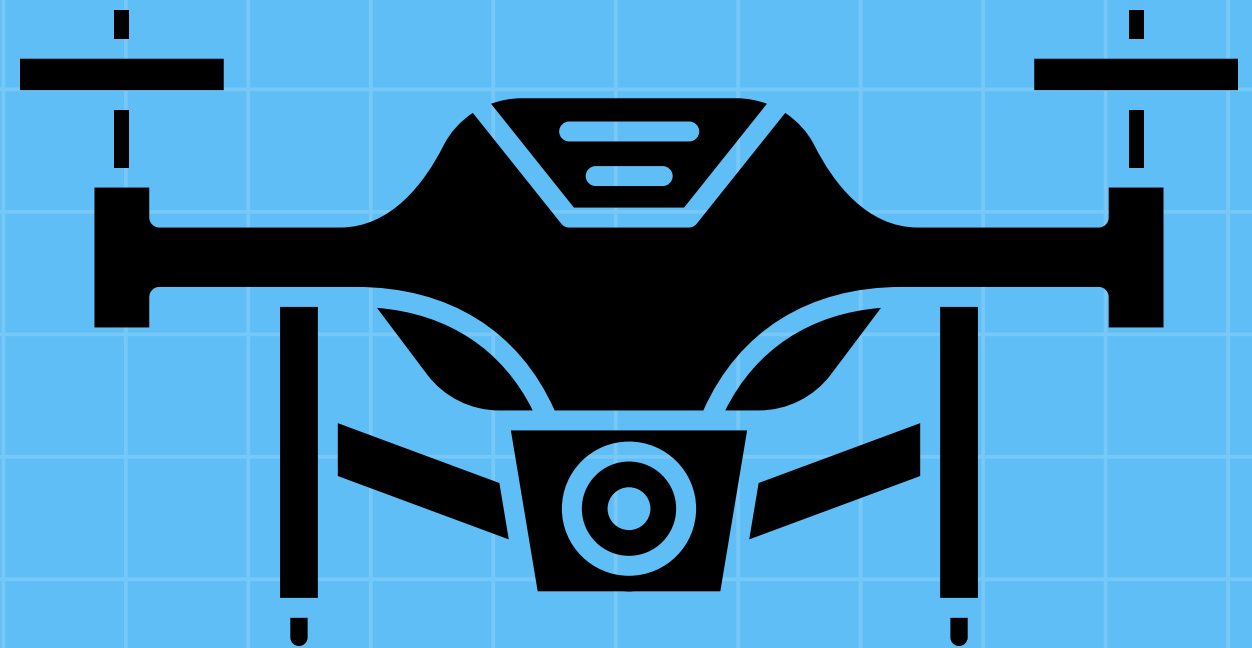
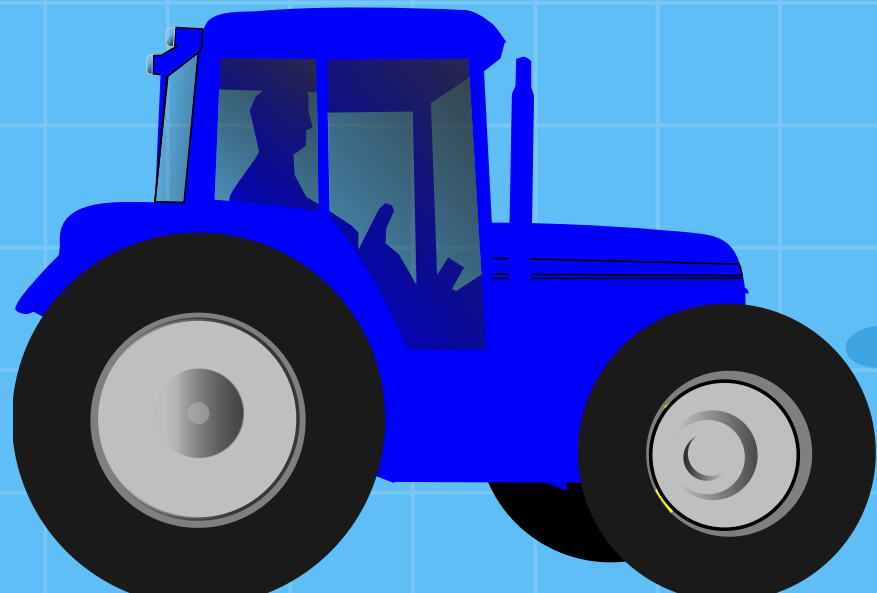
AGRICULTURE AND ENVIRONMENT

Robotic tractors and drones – Precision farming that saves soil and water.

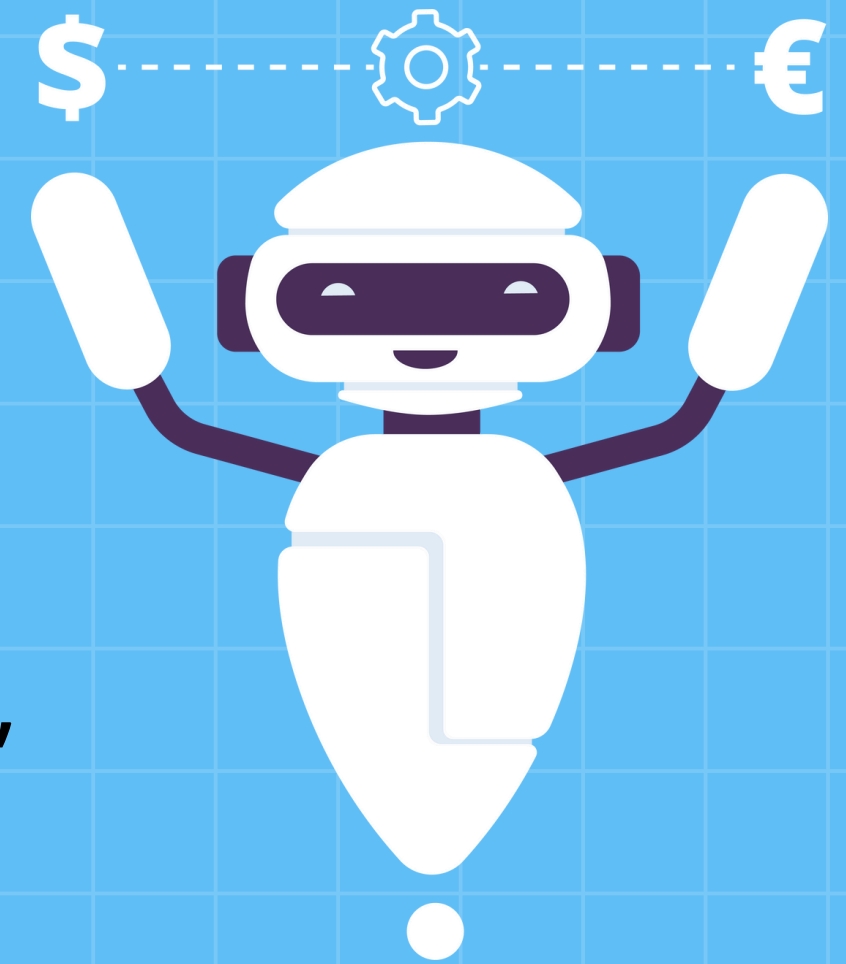
Environmental protection – Robots can monitor forests, oceans, and help protect endangered species.



[video](#)

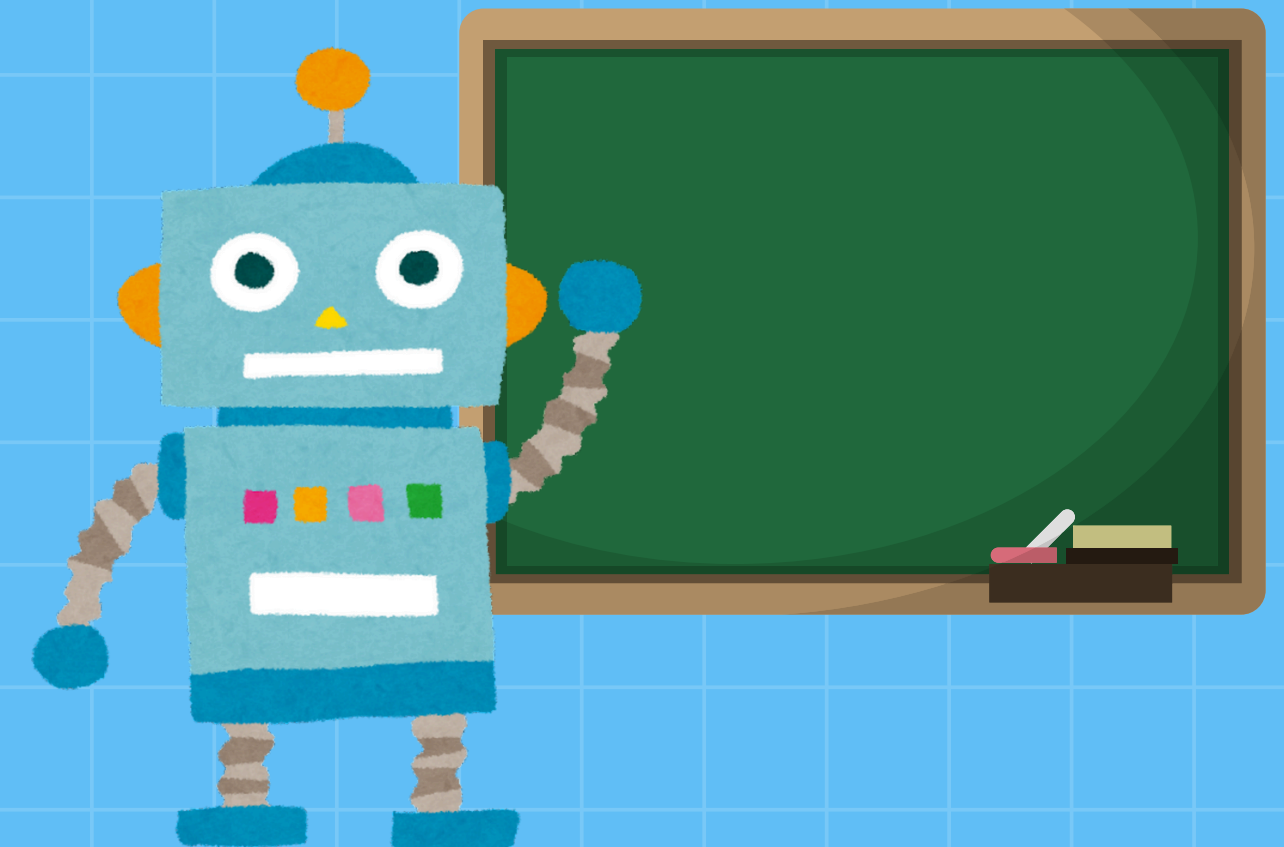
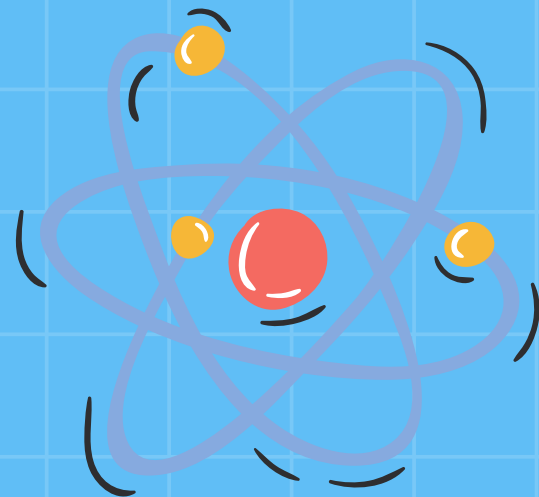
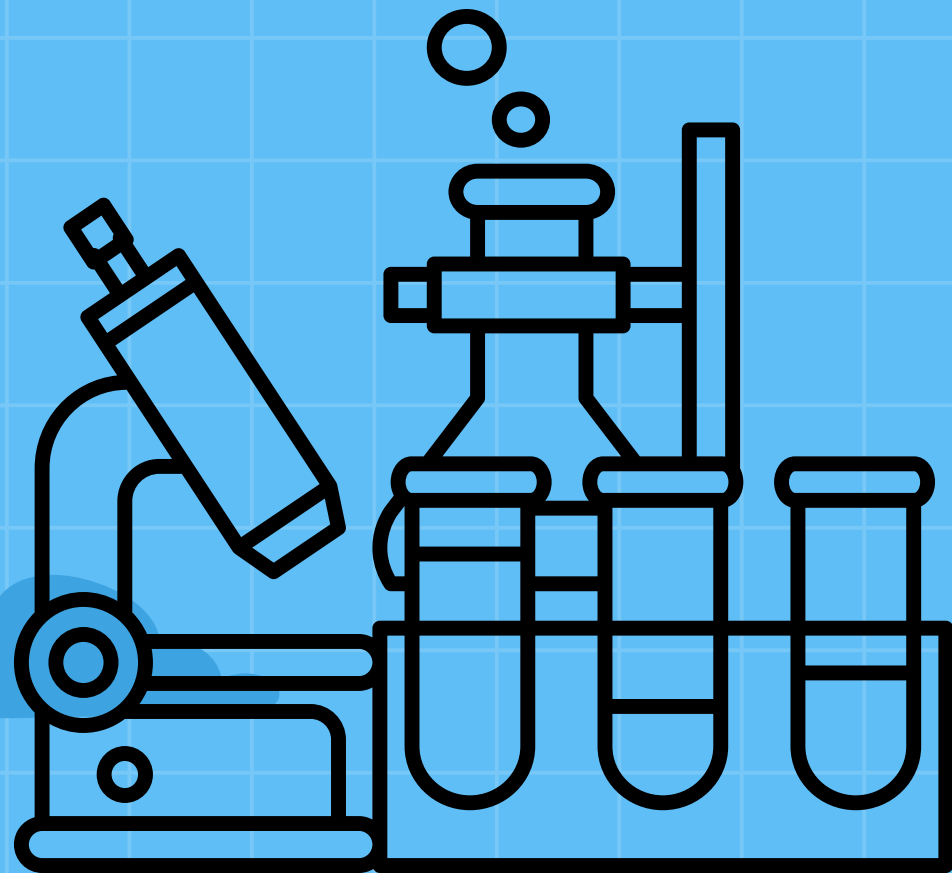


EDUCATION AND RESEARCH



Robots as teachers or assistants – For learning languages, programming, or logic. [video](#)

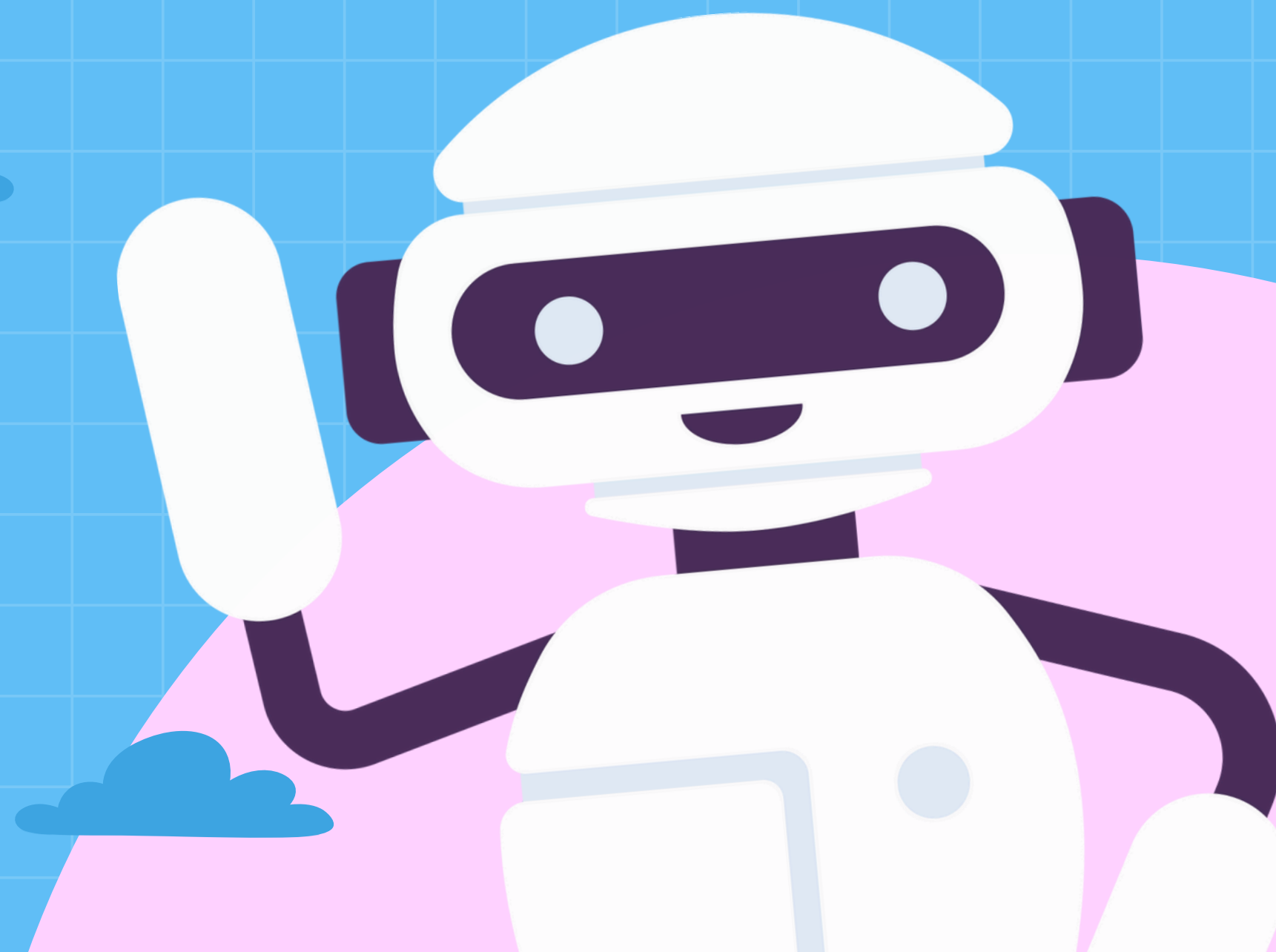
Scientific research – Robots working in labs or assisting in space exploration.



Thank you for your attention!



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