



COMPUTER WHIZ 5

Fourth Edition





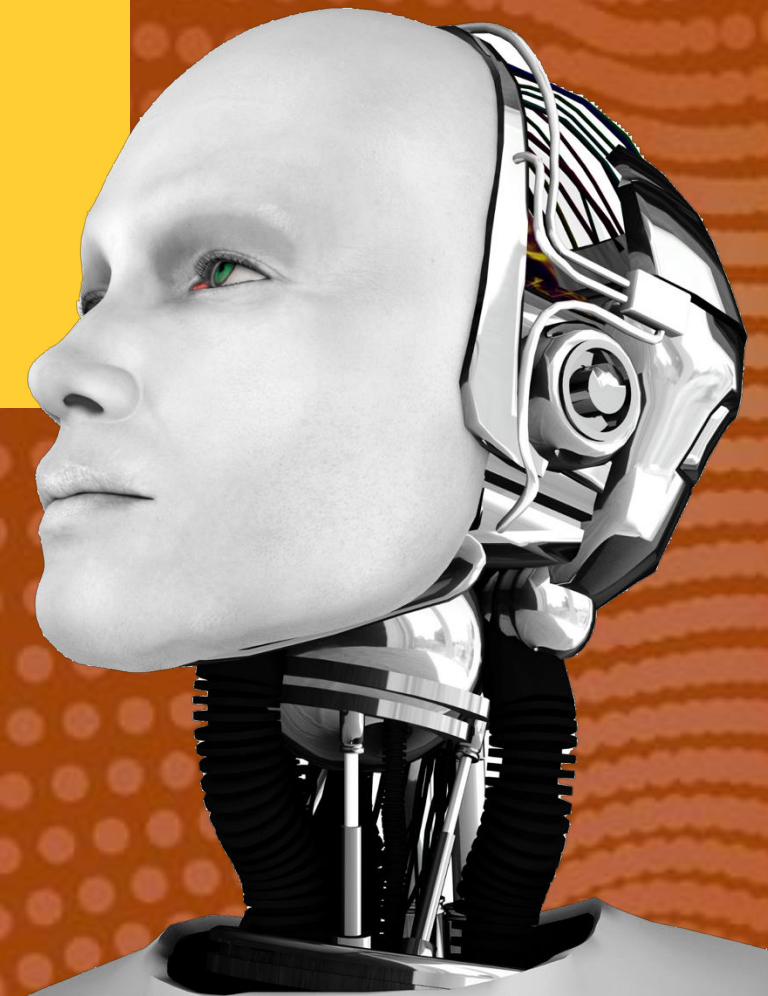
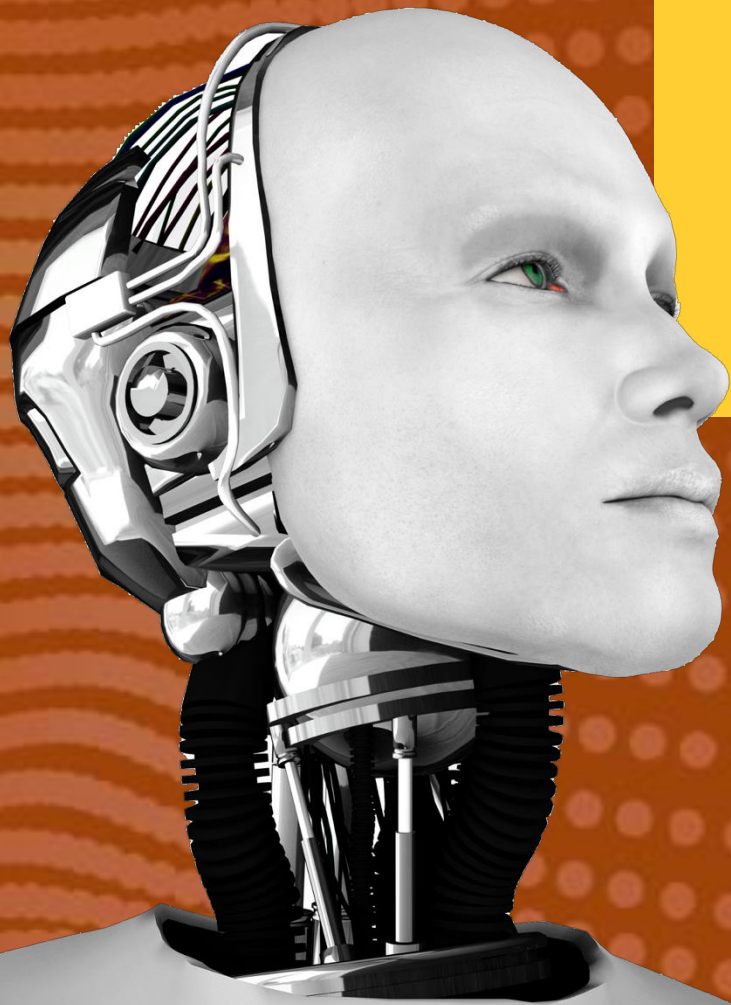
Chapter 1- Robotics and Artificial Intelligence

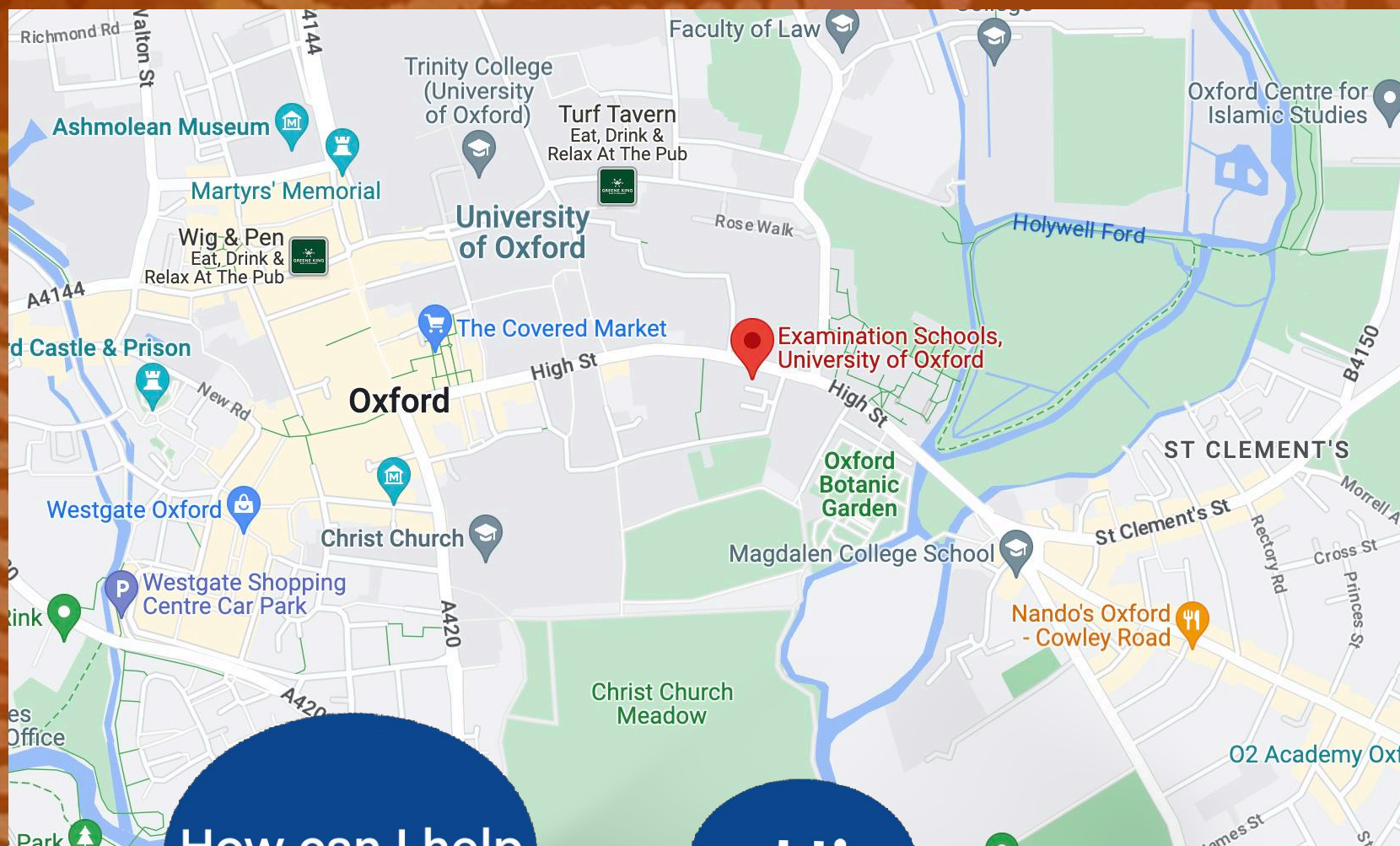
Uses of AI

Book page no. 5-9

What is Artificial Intelligence?

- **AI stands for Artificial Intelligence**
- **It allows computers to think and solve problems like humans**
- **AI can learn from data and make decisions**





How can I help you?

Hi



Uses of AI in everyday life

- **Smart Assistants:** Devices like Siri and Alexa help us with tasks like setting reminders and answering questions.
- **Recommendation Systems:** AI suggests movies, music, and products based on our preferences.
- **Navigation:** AI helps us find the best routes and avoid traffic using apps like Google Maps.

AI in healthcare



- **Diagnosis:** AI helps doctors detect diseases early by analyzing medical images.
- **Robotic Surgery:** Robots assist surgeons in performing precise operations.
- **Wearable Devices:** Smartwatches monitor our health and provide alerts.





AI in Agriculture

- **Crop Monitoring:** AI helps farmers monitor crop health and predict yields.
- **Pest Control:** AI identifies pests and suggests treatments.
- **Smart Machinery:** AI-powered tractors and equipment improve farming efficiency.





AI in Business and Industry

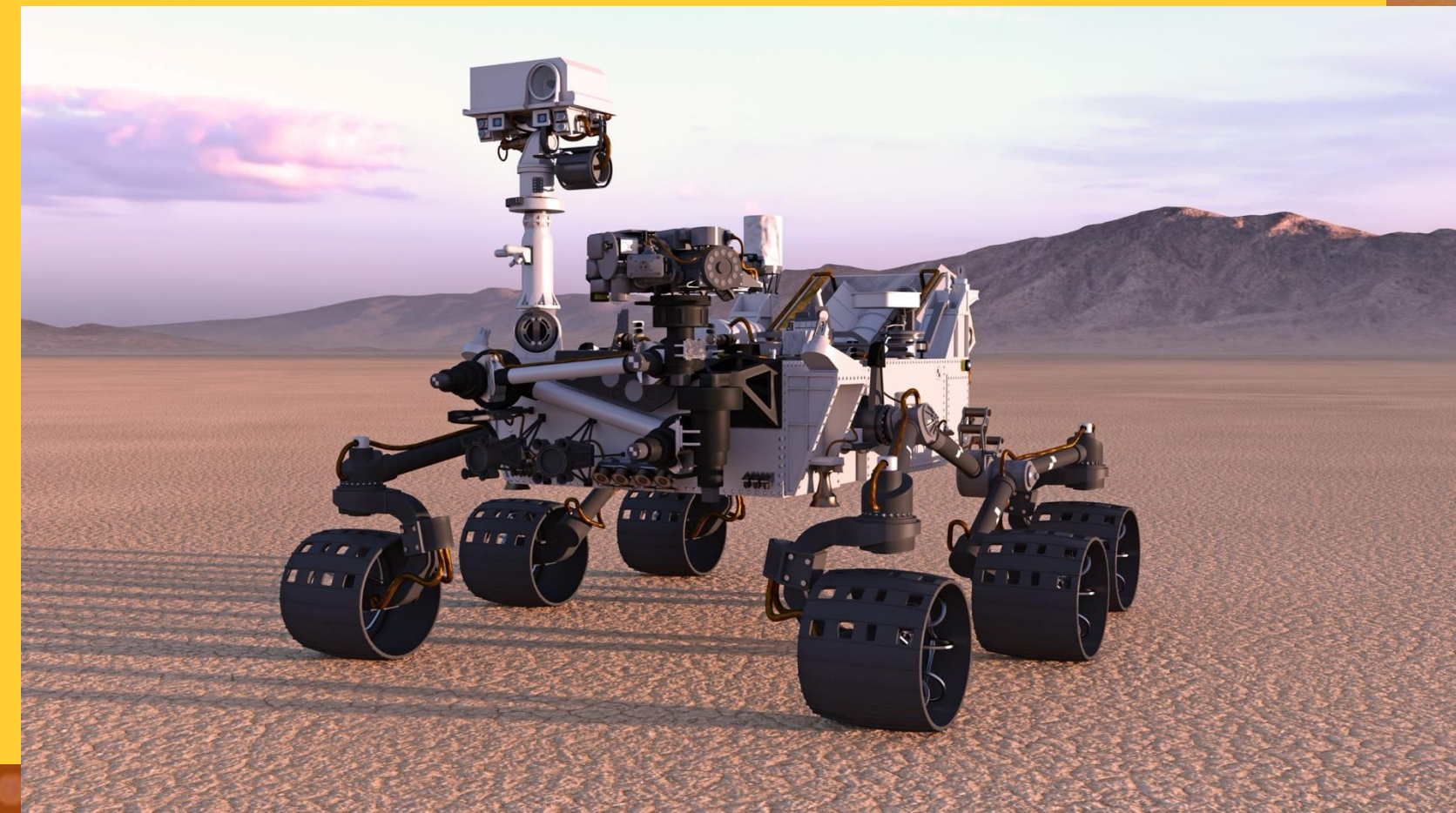
- **Quality Control:** AI ensures products meet high standards.
- **Supply Chain Optimization:** AI helps manage resources and reduce waste.
- **Customer Service:** AI chatbots provide instant support and answer questions.





Future trends in AI

- **Virtual Reality (VR):** AI creates immersive virtual environments.
- **Autonomous Vehicles:** Self-driving cars and drones improve transportation.
- **AI in Space Exploration:** AI helps scientists explore outer space.



Staying Safe with AI

Privacy: Protect your personal information when using AI devices.

Ethical Use: Use AI responsibly and respect copyright laws.

Awareness: Be aware of AI's capabilities and limitations.





Let's Explore...

- Work in pairs to explore an AI tool like Google Assistant.
- Ask questions and see how AI responds.
- Discuss how it helps you.

