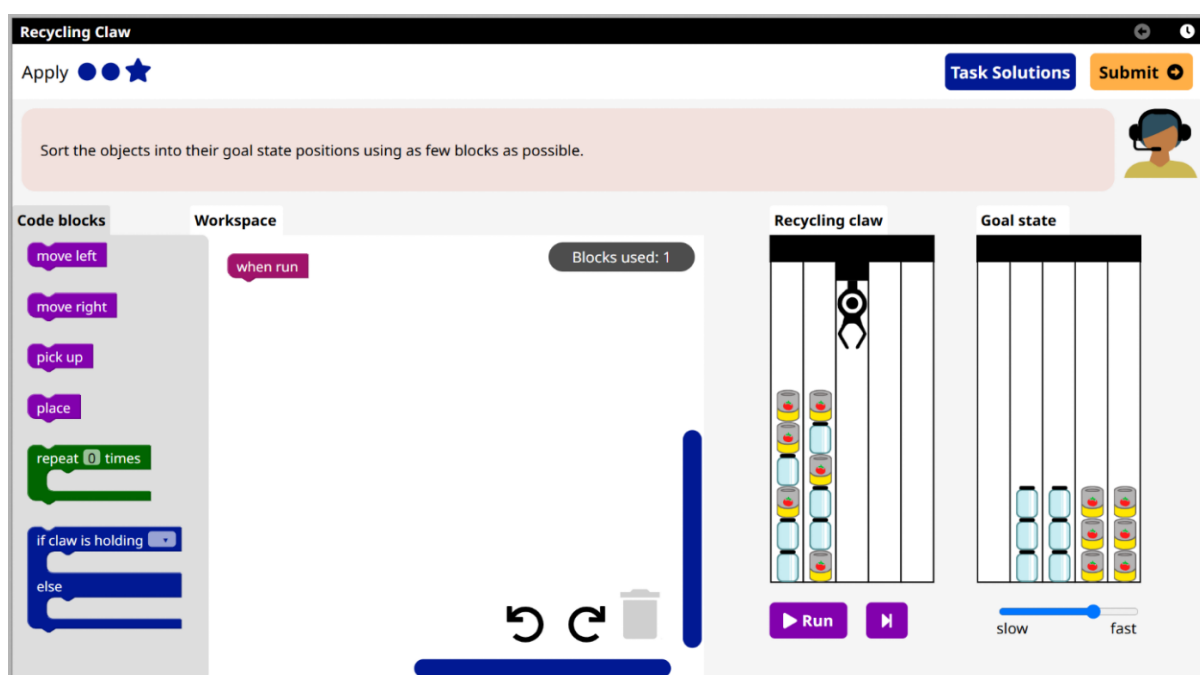


Sample Items for PISA 2025 Computational Problem Solving (CMPS)

As part of the new CMPS assessment, students work through tasks of increasing complexity, with access to resources such as tutorials, feedback and examples.

In the “Recycling Claw” unit, students are required to program a robotic claw to sort different objects, mimicking what is done at a recycling plant.

Cognitive sub-scale	Programming
Cognitive process	Build and debug computational artefacts



Sample Unit: *Fitness App*

In the “Fitness App” unit, students are required to model the relationships between different exercises and fitness for an application that can help astronauts stay healthy whilst at low gravity.

Cognitive sub-scale	Modelling
Cognitive process	Conduct experiments; analyse data

Fitness App

Apply ●●★

Task Solutions

Submit ➔

It's time to complete the model for the AstroFit application!

- Conduct **experiments** to investigate how **weightlifting** and **aerobics** impact an astronaut's fitness.
- Investigate if the relationships depend on **hydrating** (amount of water drunk).
- Choose the **graphs** that match your results and select the **experiments** that show how each activity impacts fitness.

Experiment lab

+ Add plan

Plan	Weightlifting (hours per week)	Aerobics (hours per week)	Hydrating (litres per day)	Fitness (points)
1	Amount ▼	Amount ▼	Amount ▼	

Model workspace