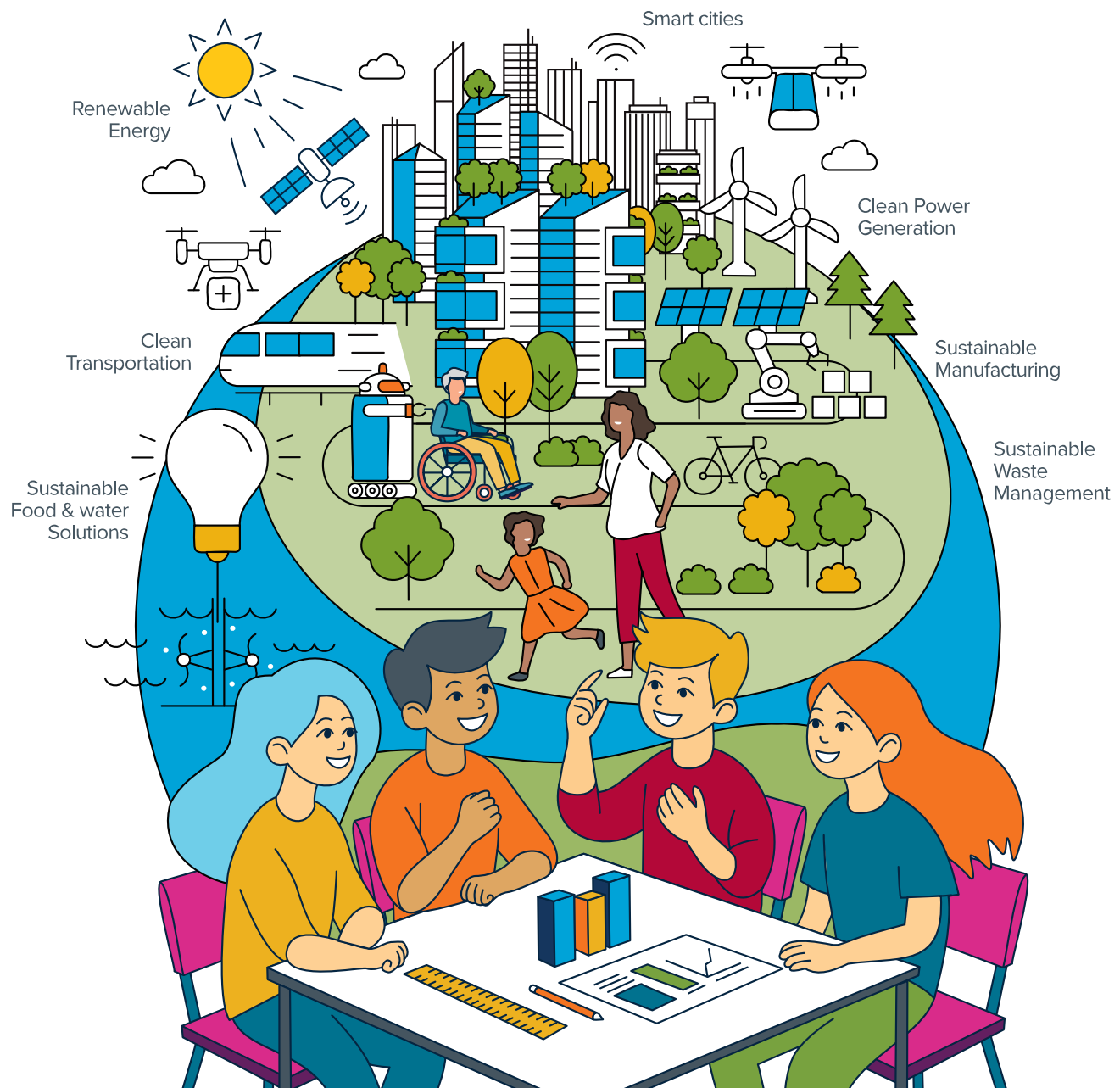


Engineer the City of the Future 2050

Inspiring children to engineer a brighter future together

The year is 2050. Imagine the city of the future is powered by a circular economy: how would you design a city using renewable resources and materials we already have? If you were an engineer, how would you build a city that is safe and healthy for people, plants and animals to live? What materials would you use to build our city and what types of clean energy would you use to power it? Can you take inspiration from nature to engineer clean air to breathe, clean water to drink and capture carbon emissions? Could you use materials that some people throw away?

Engineering is at the forefront of making cities better for everyone: clean air and water, sustainable food production, renewable energy, accessible public transport, and low carbon emissions. Will we have more help from AI? Maybe we will walk side-by-side with robots! Brainstorm ideas and create innovations that show what Irish cities could look like in 2050.



Engineer the City of the Future 2050

Please fill in your details:

Name: _____

Age: _____



Think

Make a list of ideas, use sheet 1 for inspiration:



Design

Choose one of your ideas to take forward. Design one of your ideas, list anything you might need (what materials you will use):



Create

Draw a picture of your idea (use another sheet if you like)