

Your **A Level Engineering** learning journey starts here...

How can I improve my knowledge?

How do we design, develop and manufacture electronic circuits?

- Electronic components
- Input components
- Output components
- Microcontroller systems
- Standard units
- Circuit basics
- Circuit design
- Using maths in circuit design

**Term 1**

**Term 2**

What does the coursework project involve?

What is the aim of my project?

How do I explore my chosen theme?

Exploring possible themes

Researching the chosen theme

Project proposal and research planning

Client research

Disassembly of existing products

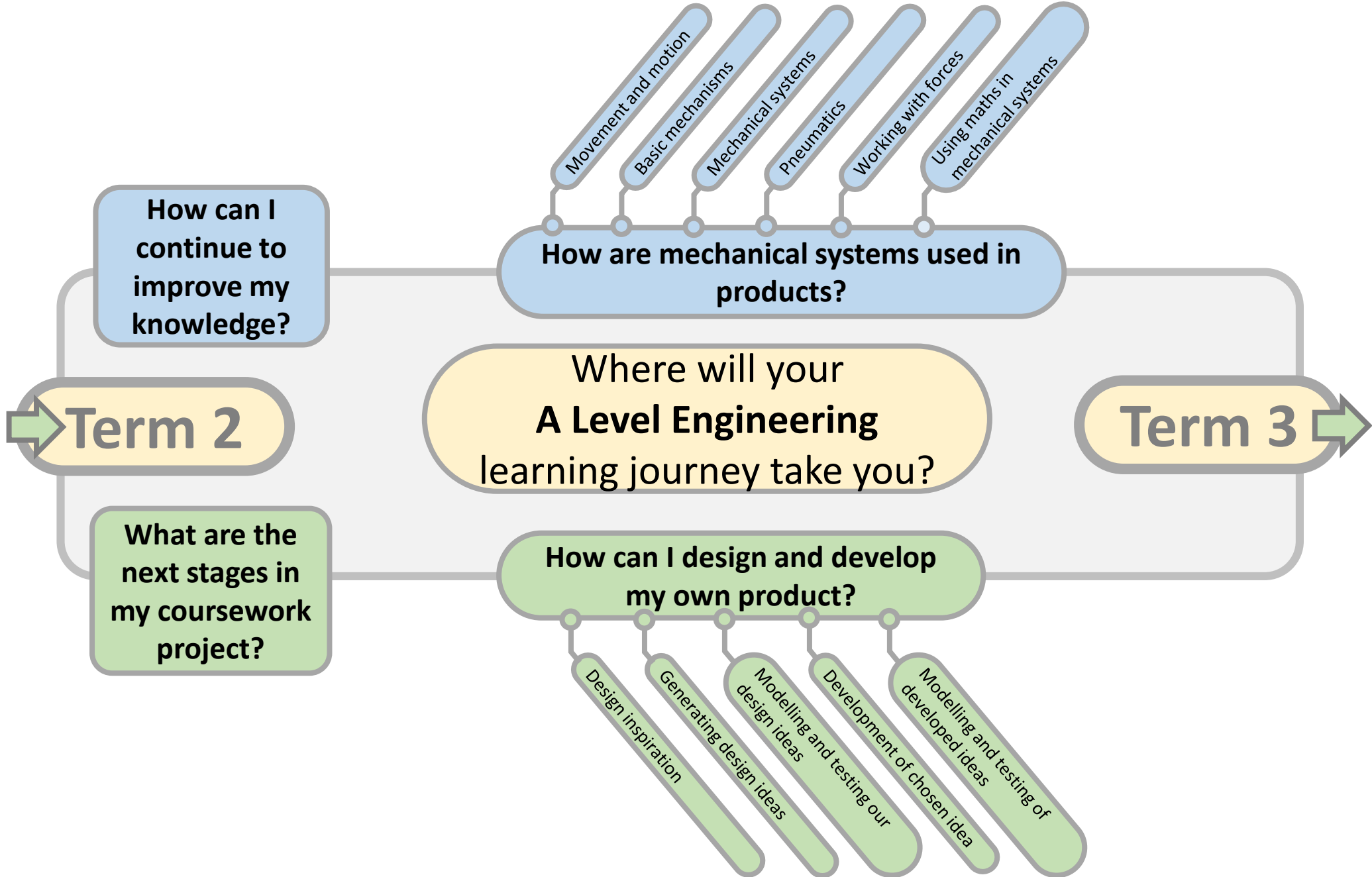
Project proposal and research planning

Product testing and comparison

Product analysis

Practical investigation

Concluding and specifying for designing



→ **Term 3**

What are the next stages in my coursework project?

How do I refine my chosen idea?

Further development of chosen idea

Final testing, improvements and modifications

How do I present my final design proposal?

Presenting the final design

Presenting working drawings

Planning the making stages

Specifying for making

How can I continue to improve my knowledge?

What factors influence the design of products?

- Scales of production
- Inclusive design
- Responsible design
- Influences on design
- Standards in product design
- Accuracy in design and manufacture
- Exploring the work of product designers

Where will your **A Level Engineering** learning journey take you?

**Year 13** →