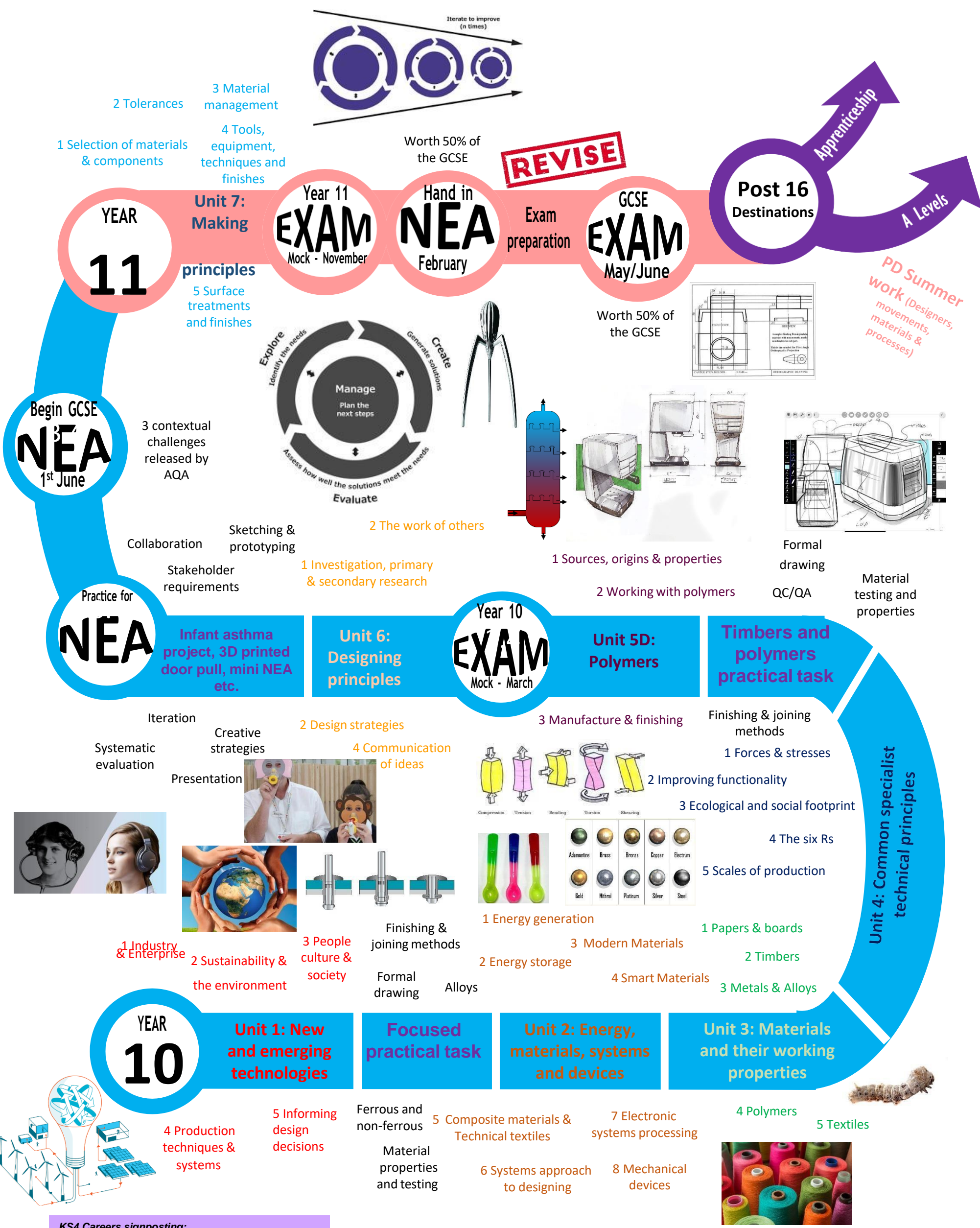


# My KS4 D&T Journey



**KS4 Careers signposting:**

- Manufacturing industries.
- Material Science.
- Quality control procedures.
- User-centred design approaches.
- Empathic Design tools.
- Iteration.
- Research - primary and secondary.
- Understanding data and population statistics.
- Prototyping and testing ideas.
- Concept presentation skills.
- Scales of production.
- Manufacturing methods and processes.
- The work of others.
- Architecture, engineering, product design, graphic design.
- Design approaches Inc. collaboration, systems approach.
- Energy and sustainability.
- Mechanics, forces and movement.
- Material selection, working, physical and mechanical properties.
- Social footprint and associated organisations.
- Primary and secondary research collection.
- Interviewing processes.
- Displaying data.
- Applied maths.
- Visual communication.
- CAD/CAM.
- Intellectual property.
- Quality control and Quality Assurance.

**KS4 Overview**

- At KS4 students will develop: their use of creative strategies to help avoid fixation; their practical skills; their theory knowledge; presentation and drawing skills and exam technique.
- Students will engage in several practical projects including focused practical tasks to develop their practical skills.

**Key themes of new GCSE specification (8552 - 2017):**

- Iteration i.e. explore needs, create solutions, evaluate how well solutions meet needs
- Prototyping
- Primary research
- Third party feedback & client
- Problem spotting and problem solving
- Addressing the needs of a client

**Exam Specification:**

Should this QR code not work, please click [here](#) to view the relevant specification.



