

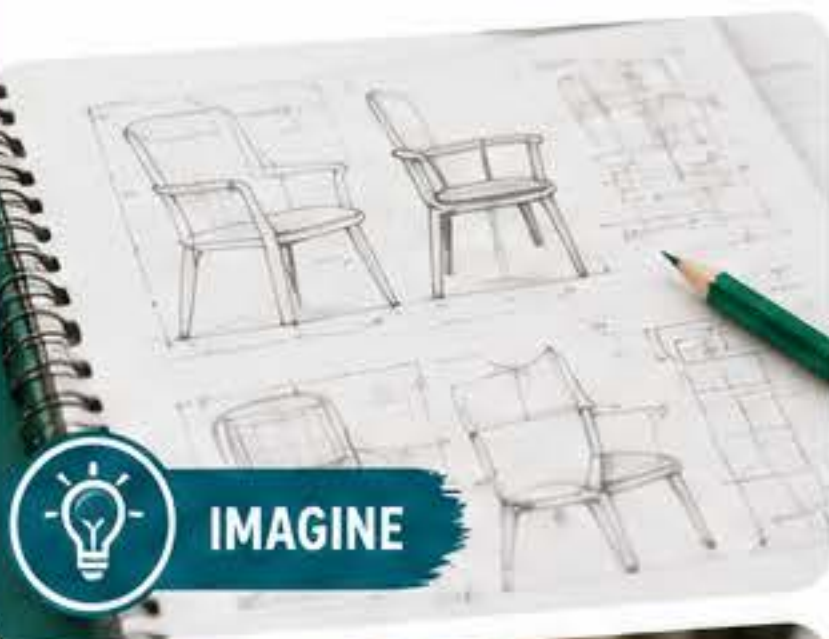


Northumberland's P.R.U.

PRODUCT DESIGN

- CURRICULUM INTENT -

DESIGN.
CREATE.
SOLVE.
INSPIRE.



IMAGINE



MAKE



EVALUATE



At Northumberland PRU students use creativity and imagination in this subject. They design, make, test and evaluate prototypes and products that solve real and relevant problems within a variety of

contexts by considering their own and others' needs, wants and values. Students acquire a broad range of subject knowledge and draw on disciplines such as mathematics, science, engineering, computing and art. Students learn how to take risks, becoming independent learners and resourceful, innovative, enterprising and capable students. Through the evaluation of past and present design and technology, they develop a critical understanding of its impact on daily life and the wider world.



MATHEMATICS

Applying precision and measurement



SCIENCE

Understanding materials and their properties



ENGINEERING

Solving problems and creating solutions



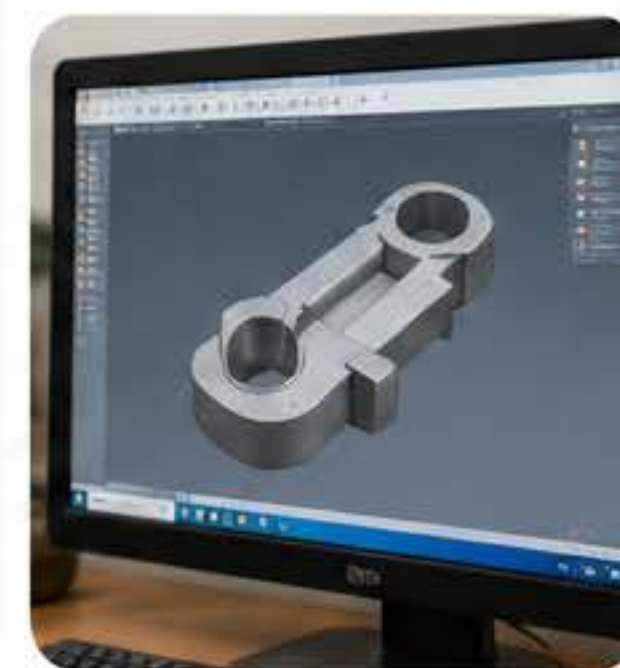
COMPUTING

Using technology to design and innovate



ART

Developing creativity and visual ideas



CREATIVITY

Using imagination to generate ideas



INDEPENDENCE

Taking risks and learning for yourself



INNOVATION

Being resourceful and finding new solutions



ENTERPRISING

Turning ideas into opportunities



CAPABILITY

Developing skills for the future

*Designing today,
improving tomorrow.*

