

DISSECTING GEOMETRY (Years 5-9)	
Key Themes	
Exploring geometry, sculpture, architecture, engineering, collaboration and real-world problem solving techniques in Mathematics, Visual Arts, Design and Technology and STEM.	
NSW Curriculum: Outcomes for Stages 2-3	
English	<ul style="list-style-type: none"> EN4-9E uses, reflects on and assesses their individual and collaborative skills for learning
Mathematics	<ul style="list-style-type: none"> MA4-3WM recognises and explains mathematical relationships using reasoning MA4-1WM communicates and connects mathematical ideas using appropriate terminology, diagrams and symbols MA5.1-1WM uses appropriate terminology, diagrams and symbols in mathematical contexts MA4-7NA operates with ratios and rates, and explores their graphical representation MA4-11NA creates and displays number patterns; graphs and analyses linear relationships; and performs transformations on the Cartesian plane MA5.1-7NA graphs simple non-linear relationships MA4-12MG calculates the perimeters of plane shapes and the circumferences of circles MA5.1-8MG calculates the areas of composite shapes, and the surface areas of rectangular and triangular prisms
Visual Arts	<ul style="list-style-type: none"> VAES3.1 Investigates subject matter in an attempt to represent likenesses of things in the world VAES3.4 Communicates about the ways in which subject matter is represented in artworks 4.6 selects different materials and techniques to make artworks 4.9 begins to acknowledge that art can be interpreted from different points of view 5.4 investigates the world as a source of ideas, concepts and subject matter in the visual arts
Design and Technology	<ul style="list-style-type: none"> DT4.4 describes the work and responsibilities of designers and the factors affecting their work