MYP Subject Area: Product Design								
Unit Title	**Key Concept**	**Related Concepts**	**Global Context**	**Statement of Inquiry**	**Subject Objectives & Strands**	**Overview of Summative Assessment Task**	**Approaches to Learning Skill Clusters**	**Content**
Stage Costume	**Development**	Resources, Form	Identities and Relationships	Resources impact the development of the designers' identities and relationships as well as the form of their product.	Criteria A-D	Students will have to design and produce a fashion clothing line for Chicago weather. Students will take on the role of a fashion designer in order to decentralize fashion trends presented in big fashion shows in Milan, New York, and Paris. Students will sew their outfits and present them in a fashion show.	VI. Information Literacy IV. Affective	Machine and hand sewing skills, Costume desiging, Measuring skills using various measuring instruments, Resources knowledge and managment
Graphic T-Shirts	**Communities**	Collaboration, Adaptation	Personal and Cultural Expression	Communities can collaboarate in order to create an adapt solutions to express their cultural ideas and beliefe using various designs.	Criteria A-D	Students will design and create graphic T-shirt with a logo that can be used as a daily uniform within the school community. Students will be responsible for designing school-appropriate graphics that then they will create using sublimation technique.	IX. Creative Thinking VII. Media Literacy	Basics of Photoshop and photo editing Graphic Design, Sublimation Printing
3D Printing	**Systems**	Innovation, Function	Scientific and Technical Innovation	Innovation and form are depended on one's understanding of 3D figures to create a functional system.	Criteria A-D	Students will use Sketch Up program to design new build for a city extension for an overcrowded city, that will demonstrate technical inovation and at the same time will be functional. Students will print their designs using 3D printer and as a class create a city extension prototype.	VIII. Critical Thinking X. Transfer	Architecture, Sketch Up software, 3D Printing