

Design

Subject Group Overview

**Year 1 is taught in the Science course, see Science Year 1 subject group overview for the Design Year 1 Units.*

Year 2: Anna Light	Key Concept Related Concept(s) and Global Context	Statement of Inquiry	Inquiry Questions	ATL Skill(s)	Summative Assessment	MYP Objective	Content MN State Standards
Unit 1:	Key Concept: Communication, Communities, Development or Systems Related Concept: Adaptation, Collaboration, Ergonomics, Evaluation, Form, Function, Innovation, Invention, Markets & Trends, Perspective, Resources and/or Sustainability Global Context: Identities and relationships Orientation in space and time Personal and cultural expression		Factual: Conceptual: Debatable:	Communication, Research, Thinking, Self-Management and/or Social	Description:	A: Inquiring and Analyzing B: Developing Ideas C: Creating the Solution D: Evaluating	Unknown

	Scientific and technical innovation Globalization and sustainability Fairness and development						

Year 3: Tina Anderson	Key Concept Related Concept(s) and Global Context	Statement of Inquiry	Inquiry Questions	ATL Skill(s)	Summative Assessment	MYP Objective	Content MN State Standards
Unit 1: Design Fundamentals	Key Concept: Communication, Communities, Development or Systems Related Concept: Adaptation, Collaboration, Ergonomics, Evaluation, Form, Function, Innovation, Invention, Markets & Trends, Perspective, Resources and/or Sustainability Global Context: Identities and relationships Orientation in space and time		Factual: Conceptual: Debatable:	Communication, Research, Thinking, Self-Management and/or Social	Description:	A: Inquiring and Analyzing B: Developing Ideas C: Creating the Solution D: Evaluating	Unknown

	Personal and cultural expression Scientific and technical innovation Globalization and sustainability Fairness and development						
Unit 2: Model Building			Factual: Conceptual: Debatable:		Description:	A: Inquiring and Analyzing B: Developing Ideas C: Creating the Solution D: Evaluating	Unknown
Unit 3: Prototyping			Factual: Conceptual: Debatable:		Description:	A: Inquiring and Analyzing B: Developing Ideas C: Creating the Solution D: Evaluating	Unknown

Unit 4: Sculpture			Factual: Conceptual: Debatable:		Description:	A: Inquiring and Analyzing B: Developing Ideas C: Creating the Solution D: Evaluating	Unknown
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Year 4/5: Alli Tostenson	Key Concept Related Concept(s) and Global Context	Statement of Inquiry	Inquiry Questions	ATL Skill(s)	Summative Assessment	MYP Objective	Content MN State Standards
Unit 1:	Key Concept: Communication, Communities, Development or Systems Related Concept: Adaptation, Collaboration, Ergonomics, Evaluation, Form, Function,		Factual: Conceptual: Debatable:	Communication, Research, Thinking, Self-Management and/or Social	Description:	A: Inquiring and Analyzing B: Developing Ideas C: Creating the Solution D: Evaluating	Unknown

	Innovation, Invention, Markets & Trends, Perspective, Resources and/or Sustainability Global Context: Identities and relationships Orientation in space and time Personal and cultural expression Scientific and technical innovation Globalization and sustainability Fairness and development						

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