

D&T Overview MYP 3 grade 8										
no.	Unit title	Time	Key concept	related concept	global context	Inquiry	Objectives	ATL skills	Content	Resources
1	Printed Fashion	Weeks lessons hours	Culture	Perspective	Personal and Cultural Expression	Every individual expresses their culture through their own perspective	A - Analyzing and Inquiring B - Developing Ideas C – Creating the solution D -Evaluating	Communication Skills and Research Skills	What is culture? What is perspective? How do people express themselves through culture? The elements of Design Organization of a T-Shirt Teach a program called CANVA to the students.	Textbook page reference additional resources

2	Coding World	Weeks lessons hours	Logic/Creativity	Function	Scientific and Technical Innovation	Coding requires defining functions with a set of logical and creative statements.	A - Analyzing and Inquiring B - Developing Ideas C – Creating the solution D -Evaluating	Thinking Skills Collaboration Skills	Computer Science 2 (PYTHON) Conditional Statements (IF, ELSE) Nested Conditionals, Functions and events Checking expressions, executing default code, put one conditional into another conditional, saving code for later..	Textbook page reference additional resources
3	Sailing Boats	Weeks lessons hours	Change Form	Function Resources	Globalization and Sustainability	It is possible to create a new product through the use of form and change from an existing resources to have a new function that can be used in our global society to have a sustainable impact.	A - Analyzing and Inquiring B - Developing Ideas C – Creating the solution D -Evaluating	A - Analyzing and Inquiring B - Developing Ideas C – Creating the solution D -Evaluating	Students will learn about the safe use of tools in the workshop, files, glue guns, coping saws, box cutters. how to build an effective sailing boat. Researching about boats and how they function, in particular sailing boats. Recycling Workshop/Lesson	Textbook page reference additional resources

4	Sports Day	Weeks lessons hours	Communities Creativity	Collaboration	Personal and Cultural Expression	Planning events requires communities to creatively collaborate with one another	A - Analyzing and Inquiring B - Developing Ideas C – Creating the solution D -Evaluating	Communication Skills Thinking Skills Reflection Skill	What is event planning? What are communities? What do communities do? Event Planning Researching Games The importance of collaboration among communities. What is sports day? Sports Day Task Allocation Design Game Lesson Design Schedule Lessons Design Budget Lessons	Textbook page reference additional resources
5										

