

Independent School District of Boise City
 Technology – Exploring High Technology Course No. 1605

Open to: 9th Grade One Semester Course

Prerequisite: None

Lab Fee: \$8.00

Content: Introduction to Technology is a course of study designed to enable students to gain an understanding of the concepts of technological systems. Students will learn about the influence of technology in their lives and will develop critical thinking and problem solving techniques that contribute to their personal development and technological awareness. Focus will be on the five broad content areas of technology education, which are: communications, construction, robotics, manufacturing, and transportation.

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ACTIVITIES and SEQUENCE	TIME	APPENDIX
Unit I: Technology and Society	(8 days)	
Technology Diary	homework	
Technology Timeline	8 days	A
Unit II: Principles of Design	(47 days)	
Principles of Design (examples and discussion)	1 day	B
Suggested Activity: Castles and Catapults	15 days	C, D, E
Suggested Activity: Golf Course Design	15 days	F, G, H, I, J, K, L
Suggested Activity: CO2 Dragsters	6 days	M
Suggested Activity: Mousetrap Race Cars	10 days	N
Unit III: Manufacturing		
Suggested Activity: Metal Casting Chess Pieces		O, P
Suggested Activity: Mini Lathe Pen Kits		
Suggested Activity: Peanut Butter Assembly Line		
Suggested Activity: Box Production		
Unit IV: Computer Aided Design	(35 days)	
Suggested Activity: Wild Photo Effects	5 days	Q
Suggested Activity: Morphing	5 days	R
Suggested Activity: Virtual Makeover	5 days	R
Suggested Activity: Animation	5 days	R
Suggested Activity: Web Page Design	15 days	S
Suggested Activity: Google Earth (create a virtual tour)	7 days	
TOTAL Number of Class Days in a Semester	85	
Supplies and List of Vendors		T