

Independent School District of Boise City
 Technology – Introduction to Technology Course No. 1601

Open to: 7 One Semester Course or Wheel

Prerequisite: None

Lab Fee: \$8.00, Wheel - \$4.

Content: Students use computers to learn more about robots by programming LEGO Mindstorms robots to perform a number of challenging tasks. Other hands-on and robotics simulations are provided.

Table of Contents

DESCRIPTION	APPENDIX
UNIT 1: Computers	
1. History	A
2. Hardware	B
3. Internet Safety	C
4. District Policies	D
UNIT 2: Robotics	
Suggested Activities:	
1. LEGO Robotics: Building and Programming	E
2. LEGO Robotics: Pop Can Challenge	F
3. Robot Research	G
4. Star Wars Droidworks	H
5. RC Racing	I
6. Robot Arena	J
7. LEGO Robotics: Rat Maze	K
UNIT 3: Engineering	
Suggested Activities:	
1. Paper Bridges	L
2. Paper Flight (rockets, airplanes, kites)	M
3. C.A.D.: Design a House	N
4. Gravity Race Car	O