

Energy Technologies 2yr	
Items	Standard
2) CONTENT STANDARD 2.0: IDENTIFY LAB ORGANIZATION AND SAFETY PROCEDURES	
15	1) PERFORMANCE STANDARD 2.1: DEMONSTRATE GENERAL LAB SAFETY RULES AND PROCEDURES
3	2) PERFORMANCE STANDARD 2.2: IDENTIFY AND UTILIZE HAND TOOLS
2	3) PERFORMANCE STANDARD 2.3: IDENTIFY AND UTILIZE POWER TOOLS AND EQUIPMENT
3) CONTENT STANDARD 3.0: APPLY THE ENGINEERING DESIGN PROCESS	
8	1) PERFORMANCE STANDARD 3.1: EXPLORE THE DESIGN PROCESS OF ENERGY AND POWER APPLICATIONS
4) CONTENT STANDARD 4.0: APPLY BASIC ELECTRICITY CONCEPTS	
3	1) PERFORMANCE STANDARD 4.1: INVESTIGATE BASIC ELECTRICITY FUNDAMENTALS
7	2) PERFORMANCE STANDARD 4.2: APPLY ELECTRICAL PRINCIPLES
5) CONTENT STANDARD 5.0: INVESTIGATE SOURCES OF ENERGY	
3	1) PERFORMANCE STANDARD 5.1: IDENTIFY SOURCES OF ENERGY
7	2) PERFORMANCE STANDARD 5.2: DESCRIBE FOSSIL FUELS
6	3) PERFORMANCE STANDARD 5.3: DESCRIBE SOLAR ENERGY
6	4) PERFORMANCE STANDARD 5.4: DESCRIBE WIND ENERGY
2	5) PERFORMANCE STANDARD 5.5: DESCRIBE HYDROPOWER ENERGY
5	6) PERFORMANCE STANDARD 5.6: DESCRIBE GEOTHERMAL ENERGY
5	7) PERFORMANCE STANDARD 5.7: DESCRIBE BIOMASS ENERGY
4	8) PERFORMANCE STANDARD 5.8: DESCRIBE NUCLEAR ENERGY
6) CONTENT STANDARD 6.0: APPLY FUNDAMENTAL ENERGY PRINCIPLES	
4	1) PERFORMANCE STANDARD 6.1: IDENTIFY ENERGY FORMS
4	2) PERFORMANCE STANDARD 6.2: DISTINGUISH POTENTIAL AND KINETIC ENERGY
4	3) PERFORMANCE STANDARD 6.3: IDENTIFY TRANSFER OF ENERGY (THERMODYNAMICS)
1	4) PERFORMANCE STANDARD 6.4: USE THE DESIGN PROCESS TO EXPLORE FUNDAMENTAL ENERGY PRINCIPLES
7) CONTENT STANDARD 7.0: INVESTIGATE ENERGY EFFICIENCY AND CONSERVATION	
11	1) PERFORMANCE STANDARD 7.1: IDENTIFY EFFICIENCY PRINCIPLES
100	Total Correlations