

National Standards for “Billy Mitchell” Thematic Unit

Task Number	Science Standards	Mathematics Standards	English Language Arts Standards	Social Studies Standards	Health Standards	Music Standards	Art Standards
1			3,4,5,12				
2		1,6*					
3		3,4*					
4		5,10*					
5			3,12				
6			4,5,6,12				
7			3,4,7,8,12				
8			3,12				
9				8,9			
10				3			
11				3,9			
12				1,9			
13			4,12				
14			4,12				
15			3,4,7,8,12				
16	B,E,G, Unifying Concepts and Processes*						
17	E,F*		4,5,7,8,12				
18					1,3		
19							I,II
20						6	

*Task 2

Mathematics

1. Number and Operations Standard
 - Compute fluently and make reasonable estimates.
6. Problem Solving Standard
 - Solve problems that arise in mathematics and in other contexts.

*Task 3

Mathematics

3. Geometry Standard
 - Use visualization, spatial reasoning, and geometric modeling to solve problems.
4. Measurement Standard
 - Apply appropriate techniques, tools, and formulas to determine measurements.

***Task 4**

Mathematics

5. Data Analysis and Probability Standard

- Select and use appropriate statistical methods to analyze data.

10. Representation Standard

- Create and use representations to organize, record, and communicate mathematical ideas.
- Use representations to model and interpret physical, social, and mathematical phenomena.

***Task 16**

Science

- **Standard B: Motions and forces**
- **Standard E: Abilities of technological design**
- **Standard G: Nature of science**
- **Unifying Concepts and Processes: Evidence, models, and explanation**

***Task 17**

Science

- **Standard E: Understandings about science and technology**
- **Standard F: Science and technology in society**