



21st CENTURY SKILLS CHECKLIST

21 st Century Skills	NGSS Scientific and Engineering Practices							
	1	2	3	4	5	6	7	8
Literacy Skills								
Civic & Social								
Economic								
Environmental								
Health								
Information								
Language (ELA)								
Mathematic								
Media								
Multicultural								
Technology								
Cognitive Skills								
Critical Thinking								
Problem Solving								
Life and Interpersonal Skills								
Accountability								
Adaptability								
Collaboration								
Communication								
Creativity								
Cross-cultural								
Ethics								
Flexibility								
Initiative								
Intrinsic Motivation								
Leadership								
Learning & Study								
Productivity								
Responsibility								
Self-management								
Social								

NGSS Scientific and Engineering Practices

1. Asking questions (for science) and defining problems (for engineering).
2. Developing and using models.
3. Planning and carrying out investigations.
4. Analyzing and interpreting data.
5. Using mathematics and computational thinking.
6. Constructing explanations (for science) and designing solutions (for engineering).
7. Engaging in argument from evidence.
8. Obtaining, evaluating, and communicating information.