Mathematical Process Standards Comparison						
Department	Massachusetts	Utah	Wyoming	Idaho	Nebraska	Texas
of Defense						
Activity						
(DoDFA)						
Make sense of problems and persevere in solving them.						Apply mathematics to problems arising in everyday life, society, and the workplace.
						Use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution.
Reason abstractly and quantitatively.					Reason quantitatively and abstractly and consider the reasoning of others.	Communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate.
Construct viable arguments and critique the reasoning of others.				; of	Explain and justify mathematical ideas using precise mathematical language in written or oral communication.	Display, explain, and justify mathematical ideas and arguments using precise mathematical language in written or oral communication
Model with mathematics.					Create and use representations to organize, record, and communicate mathematical ideas.	Create and use representations to organize, record, and communicate mathematical ideas.
Use appropriate tools strategically.						Select tools, including real objects, manipulatives, paper and pencil, and technology as appropriate, and techniques, including mental math, estimation, and number sense as appropriate, to solve problems.
Attend to precision.						
Look for and make use of structure.					Analyze mathematical	Analyze mathematical relationships to connect and
Look for and express regularity in repeated reasoning.					relationships to connect mathematical ideas.	communicate mathematical ideas.