

Technology Grade Level Benchmarks -Battle Creek Public Schools 2004

X	Problem Solving															
REF#	BENCHMARK:	P	K	1	2	3	4	5	6	7	8	9	10	11	12	
1	Explore real world challenges and brainstorm possible solutions (virtual field trips, web quests, etc.).	I	I	I	I	D	D	D	D	D	M	A				→
2	Organize and plan a sequence of actions or activities (timeline, action plan, graphic organizer).	I	I	D	D	D	D	D	M	A						→
3	Use technology to demonstrate scientific method: 1) Define and develop ideas to solve a problem; 2) Plan; 3) Research; 4) Solve the problem; 5) Evaluate results		I	I	I	D	D	D	D	M	A					→
4	Choose the best technology tool for a given task (word processor, spreadsheet, or web application)		I	I	I	D	D	D	D	M	A					→
5	Evaluate commercial products and services. Evaluation should detail the specification, consumer needs, and cost effectiveness.								I	I	D	D	D	M	A	
6	Identify the potential hazards of technology and how to minimize risks.			I	I	D	D	M	A							→

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I = Introduce

D= Developing

M = Mastery

A = Apply – Independent use