

Who Needs Science? Crosswalk to Montana Content Standards

Workbook Content	Content Standards							
	Technology	Health Enhancement	Math	Science	Reading	Career & Vocational	Social Studies	Workplace Competencies
Introduction				5	1,5	1,5		3,6
Aviation Mechanic	1,2,5		1,2,3	5	1,5	1,5		3,4,6
Bridge Engineer	1,2,4		1,2	5	1,5	1,5	3	3,6
Chemist				2,3,5	1,5	1,5		3,6
Cosmetologist				2,3,5	1,5	1,5	6	3,4,6
Diesel Mechanic			1,2,4,5	2,5	1,5	1,5		3,6
Fitness Trainer		1,2,3,4,7		3,5	1,5	1,5	6	3,4,6
Forensic Scientist	1,2,4,5		1	1,2,3,5	1,5	1,5		3,6
Geologist				1,2,3,4,5	1,5	1,5	3	3,6
Hydraulic Engineer	1,2,4,5		1,2	1,2,3,4,5	1,5	1,5	3	3,6
Neuroscientist	1,4,5			1,2,3,5	1,5	1,5		3,6
Polar Meteorologist	1, 4,5		1,2,3,5,6,7	1,2,4,5	1,5	1,5	3	3,6
Science Teacher				1,2,3,4,5	1,5	1,5	6	3,6
Scientist	1,2,4,5		1,2,3,5,6,7	1,2,3,5	1,5	1,5		1,3,6
Space Farmer	1,2,4,5			1,2,3,4,5	1,5	1,5		3,6
Storm Chaser	1,4,5		1,2,3,5,6,7	1,2,4,5	1,5	1,5	3	3,6
Welder			1,2,4,5	2,5	1,5	1,5		3,6
Branches of Science				5	1,5	1,5		3,6
Biologists, Frogs & Probability			1,2,6	3,5	1,5	1,5		3,6
Food Safety: It Adds Up	1,4,5	1,5	1,2,5	1,5	1,5	1,5		3,6
The Case of the Purloined Plant				1,5	1,5	1,5	6	3,4,6
Contouring and Topo Maps			1,2,4	2,4,5	1,5	1,5		3,6

Montana Academic Performance Correlate 1 – Curriculum

1 a.	There is evidence that the curriculum is aligned with the Montana Content and Performance Standards and includes Indian Education for All and local tribal standards if applicable.
1.1 e.	The school curriculum provides specific links to continuing education, cultural awareness, life, and career options.
2.1a.	Classroom assessments of student learning are frequent, rigorous, and aligned with Montana’s Content and Performance Standards
3.1a.	There is evidence that effective and varied instructional strategies are used in all classrooms.
3.1f	Instructional resources (textbooks, supplemental reading, and technology are sufficient to effectively deliver the curriculum.

ASCA National Standards for Students

Academic Development	
Standard C:	Students will understand the relationship of academics to the world of work and to life at home and in the community
Career Development	
Standard A:	Students will acquire the skills to investigate the world of work in relation to knowledge of self and to make informed career decisions.
Standard B:	Students will employ strategies to achieve future career goals with success and satisfaction
Standard C:	Students will understand the relationship between personal qualities, education, training, and the world of work