

MICHIGAN ALIGNMENT FOR NIH SUPPLEMENT OPEN WIDE AND TREK INSIDE

OPEN WIDE AND TREK INSIDE		
Michigan Grade Level Content Expectations: Elementary Science		
Lesson	Standard	GLCE
1, 2, 3, 4, 5	(C) I.1.1	Generate questions about the world based on observation.
2, 3, 5	(C) I.1.2	Develop solutions to problems through reasoning, observation, and investigation.
2, 3	(C) I.1.3	Manipulate simple devices that aid observation and data collection.
3	(C) I.1.4	Use simple measurement devices to make measurements in scientific investigations.
1, 2, 3, 5	(C) I.1.5	Develop strategies and skills for information gathering and problem solving.
2, 3	(C) I.1.6	Construct charts and graphs and prepare summaries of observations.
3	(R) II.1.1	Develop an awareness of the need for evidence in making decisions scientifically.
All lessons	(R) II.1.2	Show how science concepts can be illustrated through creative expression such as language arts and fine arts.
1, 2, 3, 4, 5	(R) II.1.4	Develop an awareness of and sensitivity to the natural world.
1, 2, 4	(LO) III.2.1	Explain characteristics and functions of observable body parts in a variety of animals.
4, 5	(LO) III.2.4	Compare and contrast food, energy, and environmental needs of selected organisms.
4, 5	(LE) III.4.2	Explain how physical and behavioral characteristics of animals help them to survive in their environments.
4, 5	(LEC) III.5.2	Describe the basic requirements for all living things to maintain their existence.
1, 2, 3	(PME) IV.1.1	Classify common objects and substances according to observable attributes/properties.
Michigan Grade Level Content Expectations: Mathematics Grades 1 – 2		
Lesson	Standard	GLCE
2, 5	N.ME.01.02	Read and write numbers to 110 and relate them to the quantities they represent.
2, 5	N.MR.01.10	Model addition and subtraction for numbers through 30 for a given contextual situation using objects or pictures; explain in words; record using numbers and symbols; solve.
2	M.UN.01.01	Measure the lengths of objects in non-standard units, e.g., pencil lengths, shoe-lengths, to the nearest whole unit.
2	M.UN.01.02	Compare measured lengths using the words shorter, shortest, longer, longest, taller, tallest, etc.
2	G.LO.01.02	Describe relative position of objects on a plane and in space, using words such as above, below, behind, in front of.
2	D.RE.01.01	Collect and organize data to use in pictographs.
2	D.RE.01.02	Read and interpret pictographs.
2	D.RE.01.03	Make pictographs of given data using both horizontal and vertical forms of graphs; scale should be in units of one and include symbolic representations, e.g., ☺ represents one child.

MICHIGAN ALIGNMENT FOR NIH SUPPLEMENT OPEN WIDE AND TREK INSIDE

3	M.UN.02.09	Read temperature using the scale on the thermometer in degrees Fahrenheit.
Michigan Grade Level Content Expectations: English Language Arts Grades 1 – 2		
Lesson	Standard	GLCE
All lessons	R.WS.01.09 R.WS.02.09	Know the meanings of words encountered frequently in grade-level reading and oral language contexts.
1, 4, 6	R.NT.01.03	Identify problem/solution, sequence of events, and sense of story (beginning, middle, and end).
1, 4	R.NT.01.05 R.NT.02.05	Respond to individual and multiple texts by finding evidence, discussing, illustrating, and/or writing to reflect, make connections, take a position, and/or show understanding.
1, 4	R.IT.01.05 R.IT.02.04	Respond to individual and multiple texts by finding evidence, discussing, illustrating, and/or writing to reflect, make connections, take a position, and/or show understanding.
1, 4	R.CM.01.01 R.CM.02.01	Make text-to-self and text-to-text connections and comparisons by activating prior knowledge and connecting personal knowledge and experience to ideas in text through oral and written responses.
1, 4	R.CM.01.02 R.CM.02.02	Retell in sequence: up to three important ideas and details of familiar simple oral and written text (1); the major idea(s) and relevant details of grade-level narrative and informational text (2).
All lessons	R.CM.01.04 R.CM.02.04	Apply significant knowledge from grade-level science, social studies, and mathematics texts.
3	W.GN.01.04	Use a teacher-selected topic to write one research question; locate and begin to gather information from teacher-selected resources; organize the information and use the writing process to develop a project.
All lessons	W.PR.01.01 W.PR.02.01	With teacher support, set a purpose, consider audience, and incorporate literary language when writing a narrative or informational piece; begin to use specific strategies including graphic organizers when planning. (1) Set a purpose, consider audience, and begin to use styles and patterns derived from studying authors' craft when writing a narrative or informational piece. (2)
All lessons	W.PS.01.01 W.PS.02.01	Develop personal style in oral, written, and visual messages in both narrative and informational writing.
All lessons	W.GR.01.01 W.GR.02.02	In the context of writing: correctly use complete sentences beginning with a capital letter and ending with a period, question mark, or exclamation point and capitalize first and last names, and the pronoun I (1); correctly use more complex complete sentences, nouns and verbs, commas (in a series, in a letter, and with dates), contractions, colons to denote time, and capitalization of proper nouns (2).
All lessons	W.SP.01.01 W.SP.02.01	In the context of writing, correctly spell: frequently encountered one-syllable words from common word families (1); frequently encountered words; for less frequently encountered words use structural cues and environmental cues (2).
All lessons	W.HW.01.01 W.HW.02.01	Legibly write upper and lower case manuscript letters. (1) Fluently and legibly write upper and lower case manuscript letters and begin to write the cursive alphabet. (2)
All lessons	S.CN.01.01 S.CN.02.01	Use common grammatical structures correctly when speaking.

MICHIGAN ALIGNMENT FOR NIH SUPPLEMENT OPEN WIDE AND TREK INSIDE

All lessons	S.CN.01.02 S.CN.02.02	Explore and use language to communicate with a variety of audiences and for different purposes including: making requests, solving problems, looking for solutions, construction relationships, and expressing courtesies (1); questions and answers, discussions, and social interactions (2).
All lessons	S.DS.01.01 S.DS.02.01	Engage in substantive conversations, remaining focused on subject matter, with interchanges building on prior responses in literature discussions, paired conversations, or other interactions.
1, 4	S.DS.01.03 S.DS.02.03	Respond to multiple text types by: reflecting, making meaning, and making connections (1); reflecting, making connections, taking a position, and/or showing understanding (2).
All lessons	L.CN.01.01 L.CN.02.01	Understand, restate, and follow two-step directions (1); three- and four-step directions (2).
2, 3, 5	L.CN.01.02 L.CN.02.02	Ask appropriate questions for clarification and understanding during a presentation or report.
All lessons	L.CN.01.03 L.CN.02.03	Listen to or view knowledgeably while demonstrating appropriate social skills of audience behaviors (e.g., eye contact, attentive, supportive) in small and large group settings; listen to the comments of a peer and respond on topic adding a connected idea.

Michigan Grade Level Content Expectations: Health Education – Grades 1 — 2

Grade 1

Lesson	Standard	GLCE
3, 4, 5, 6	1.1	Describe the benefits of eating healthy snacks.
3	4.6	Explain the decision making and problem solving steps.
3	4.7	Apply the steps to making a decision or solving a problem.
All lessons	4.8	Apply effective listening and attending skills.
3, 4, 5, 6	5.1	Explain the importance of taking care of teeth.
4, 5	5.2	Demonstrate proper tooth brushing techniques.
1, 2, 4, 5	5.3	Demonstrate skills to reduce the spread of germs.

Grade 2

4, 5, 6	1.4	Describe the characteristics of foods and beverages that should be limited.
4, 5, 6	1.6	Provide examples of foods and beverages that should be limited.
2, 3	4.4	Identify people who can help make decisions and solve problems.
3	4.5	Explain the decision making and problem solving steps.
3	4.6	Demonstrate the ability to make a decision or solve a problem using the steps.

MICHIGAN ALIGNMENT FOR NIH SUPPLEMENT OPEN WIDE AND TREK INSIDE

All lessons	4.7	Demonstrate ways to show respect for feelings, rights, and property of others.
All lessons	4.8	Demonstrate effective listening and attending skills.
1, 2, 4, 5	5.1	Demonstrate skills throughout the day to reduce the spread of germs.