

**Alien Invasion**

<b>ENGLISH LANGUAGE ARTS</b>			
<b>Goal</b>		<b>Standard</b>	
4	Listen and speak effectively in a variety of situations.	4.A.1a	Listen attentively by facing the speakers, making eye contact and paraphrasing what is said.
		4.A.1b	Ask questions and respond to questions from the teacher and from group members to improve comprehension.
		4.A.1c	Follow oral directions accurately.
		4.A.1d	Use visually oriented and auditorily based media
		4.B.1b	Participate in discussions around a common topic.
		4.A.2a	Demonstrate understanding of the listening process (e.g., sender, receiver, message) by summarizing and paraphrasing spoken messages orally and in writing in formal and informal situations.
		4.A.2b	Ask and respond to questions related to oral presentations and messages in small and large group settings.
		4.A.2c	Restate and carry out a variety of oral instructions.
		4.B.2b	Use speaking skills and procedures to participate in group discussions.
<b>MATHMATICS</b>			
6	Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions.	6.d.1	Compare the numbers of objects in groups.
<b>SCIENCE</b>			
11	Understand the processes of scientific inquiry and technological design to investigate questions, conduct experiments and solve problems.	11.A.1a	Describe an observed event.
		11.A.1b	Develop questions on scientific topics.
		11.A.2a	Formulate questions on a specific science topic and choose the steps needed to answer the questions.
12	Understand the fundamental concepts, principles and interconnections of the life, physical and earth/space sciences.	12.A.1b	Categorize living organisms using a variety of observable features (e.g., size, color, shape, backbone).
		12.B.1a	Describe and compare characteristics of living things in relationship to their environments.
		12.B.1b	Describe how living things depend on one another for survival.
13	Understand the relationships among science, technology and society in historical and contemporary contexts.	13.A.1a	Use basic safety practices (e.g., not tasting materials without permission, “stop/drop/roll”).
		13.A.1c	Explain how knowledge can be gained by careful observation.
		13.A.2a	Demonstrate ways to avoid injury when

			conducting science activities (e.g., wearing goggles, fire extinguisher use).
		13.B.2a	Explain how technology is used in science for a variety of purposes (e.g., sample collection, storage and treatment; measurement; data collection, storage and retrieval; communication of information).
<b><i>SOCIAL SCIENCE</i></b>			
16	Understand events, trends, individuals and movements shaping the history of Illinois, the United States and other nations.	16.E.1	(US) Describe how the local environment has changed over time.
17	Understand world geography and the effects of geography on society, with an emphasis on the United States.	17.B.1b	Describe physical components of ecosystems.
		17.B.2a	Describe how physical and human processes shape spatial patterns including erosion, agriculture and settlement.
		17.B.2b	Explain how physical and living components interact in a variety of ecosystems including desert, prairie, flood plain, forest, tundra.
		17.C.2c	Explain how human activity affects the environment.
<b><i>PHYSICAL DEVELOPMENT AND HEALTH</i></b>			
19	Acquire movement skills and Understand concepts needed to engage in health enhancing physical activity.	19.A.1	Demonstrate control when performing fundamental locomotor, non-locomotor and manipulative skills.
		19.B.1	Understand spatial awareness and relationships to objects and people.
		19.C.1	Demonstrate safe movement in physical activities.
		19.C.2a	Identify and apply rules and safety procedures in physical activities.
21	Develop team-building skills by working with others through physical activity.	21.A.1a	Follow directions and class procedures while participating in physical activities.
		21.A.1b	Use identified procedures and safe practices with little or no reinforcement during group physical activities.
		21.A.1c	Work independently on tasks for short periods of time.
		21.B.1	Work cooperatively with another to accomplish an assigned task.
		21.A.2a	Accept responsibility for their own actions in group physical activities.
		21.A.2b	Use identified procedures and safe practices without reminders during group physical activities.
		21.A.2c	Work independently on task until completed.
		21.B.2	Work cooperatively with a partner or small group to reach a shared goal during physical activity.