

How **Rendezvous with a Comet** Correlates to the **Illinois Learning Standards** Late Elementary and Middle/Junior High School

State Goal 1-English Language Arts

Read with understanding and fluency.

A	B	C
1.A.2b	1.B.2a	1.C.2a
1.A.3b	1.B.2d	1.C.2f
	1.B.3a	1.C.3a
	1.B.3d	1.C.3f

State Goal 4-English Language Arts

Listen and speak effectively in a variety of situations.

A
4.A.2a
4.A.2b
4.A.2c
4.A.3a
4.A.3b
4.A.3c

State Goal 6-Mathematics

Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions.

B	C	D
6.B.2	6.B.3a	6.C.3a
		6.D.2

State Goal 8-Mathematics

Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results.

A	B	C	D
8.A.2b	8.B.3	8.C.3	8.D.2
			8.D.3a

State Goal 3-English Language Arts

Write to communicate for a variety of purposes.

B	C
3.B.2a	3.B.3a
	3.C.2a
	3.C.3b

State Goal 5-English Language Arts

Use the language arts to acquire, assess and communicate information.

A	B	C
5.A.2a	5.A.3a	5.B.3a
		5.C.2a
		5.C.3c

State Goal 7-Mathematics

Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy.

A	B	C
7.A.2a	7.A.3a	7.B.2a
	7.A.3b	7.B.3
		7.C.3a
		7.C.3b

State Goal 9-Mathematics

Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space.

A	D
9.A.2a	9.D.3

State Goal 10-Mathematics

Collect, organize and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability.

A		B		C
10.A.2a	10.A.3a	10.B.2a	10.B.3	10.C.3b
10.A.2b	10.A.3b	10.B.2b		
10.A.2c	10.A.3c	10.B.2c		
		10.B.2d		

State Goal 12-Science

Understand the fundamental concepts, principals and interconnections of the life, physical and earth/space sciences.

B	D	F
12.B.3a	12.D.3a	12.F.3a
12.B.3b	12.D.3b	12.F.3b
	12.F.2a	12.F.3c

State Goal 15-Social Science

Understand economic systems, with an emphasis on the United States.

B	D	
15.B.2c	15.D.2b	15.D.3c

State Goal 17-Social Science

Understand world geography and the effects of geography on society, with an emphasis on the United States.

A	C
17.A.2b	17.C.2a

State Goal 11-Science

Understand the processes of scientific inquiry and technological design to investigate questions, conduct experiments and solve problems.

A			B	
11.A.2a	11.A.3a	11.A.3f	11.B.3a	11.B.3e
11.A.2b	11.A.3c	11.A.3g	11.B.3b	
11.A.2c	11.A.3d		11.B.3c	
	11.A.3e		11.B.3d	

State Goal 13-Science

Understand the relationships among science technology and society in historical and comporary contexts.

A		B	
13.A.2b	13.A.3c	13.B.2c	13.B.3a
13.A.2c		13.B.2d	13.B.3b
			13.B.3c
			13.B.3d

State Goal 16-Social Science

Understand events, trends, individuals and movements shaping the history of Illinois, the United States and other nations.

A	C
16.A.3b	16.C.3c

State Goal 18-Social Science

Understand social systems, with an emphasis on the United States.

B	
18.B.2a	18.B.3a