

STANDARDS CHART FOR RENDEZVOUS WITH A COMET

	<u>INDIANA SCIENCE STANDARDS</u>	<u>ILLINOIS SCIENCE STANDARDS</u>	<u>ILLINOIS PHYSICAL EDUCATION STANDARDS</u>	<u>COMMON CORE STATE STANDARDS FOR MATHEMATICS</u>	<u>COMMON CORE STATE STANDARDS FOR ENGLISH/LANGUAGE ARTS</u>	<u>NEXT GENERATION SCIENCE STANDARDS</u>
5TH GRADE	<p><u>I. PROCESS STANDARDS:</u></p> <p>All the process standards (the nature of science and the design process) are taught in the mission.</p> <p><u>II. CONTENT STANDARDS:</u></p> <p>5.PS.1 5.PS.4 5.PS.2</p> <p>5.ESS.1</p>	<p>11.A.2a 11.A.2b 11.A.2c 11.A.2d 11.A.2e 11.B.2c 12.B.2a 12.B.2b 12.C.2a 12.D.2a 12.D.2b 12.E.2b 12.F.2a 12.F2c 13.A.2c 13.B.2a 13.B.2b 13.B.2c 13.B2e 13.B.2f</p>	<p>20.B.2a 21.A.2c 21.B.2 22.C.2 23.A.1</p>	<p>5.OA 3 5.NBT 1 5.NBT 2 5.NBT 3 5.NBT 4 5.NBT 5 5.NBT 6 5.NBT 7 5.MD 3 5.MD 5</p>	<p>CC.5.R.I. 2 CC.5.R.I. 3 CC.5.R.I. 4 CC.5.R.I. 7 CC.5.R.I. 8 CC.5.R.I. 10 CC.5.F 3 CC.5.F 4 CC.5.R.F 4.a CC.5.W.1.b CC.5.W. 2 CC.5.2.d CC.5.W. 4 CC.5.W. 9.b CC.5.W. 10 CC.5.SL. 1 CC.5.SL. 1.a CC.5.SL. 1.b CC.5.SL. 1.c CC.5.SL. 1.d CC.5.SL. 2 CC.5.SL. 3 CC.5.SL. 4 CC.5.L. 1 CC.5.L. 2</p>	<p><u>I. DIMENSION 1:</u></p> <p>All the science and engineering practices under this dimension are taught in the mission.</p> <p><u>II. DIMENSION 2:</u></p> <p>All seven crosscutting science and engineering concepts are taught in the mission.</p> <p><u>III. DIMENSION 3:</u></p> <p>PS 1.B PS 2.A PS 2.B PS 2.C PS 3.B PS 3.C PS 4.C LS 1.A LS 1.C LS 2.B LS 4.A</p>

					CC.5.L.3 CC.5.L. 4 CC.5.L. 6	ESS 1. A ESS 1.B ESS 1.C ESS 2.A ESS 2.D ESS 2.E ESS 3.A ETS 1.A ETS 1.B ETS 1.C ETS 2.A
6TH GRADE	<p><u>I. PROCESS STANDARDS:</u></p> <p>All the process standards (the nature of science and the design process) are taught in the mission.</p> <p><u>II. CONTENT STANDARDS:</u></p> <p>6.1.2 6.PS.3 6.PS.3 6.1.7 6.ESS.1 6.2.3 6.ESS.3 6.3.2</p>	<p>11.A.3a 11.A.3b 11.A.3c 11.A.3d 11.A.3e 11.A.3f 11.A.3g 11.B.1a 11.B.1c 11.B.1d 11.B.1e 11.B.1f 12.A.3c 12.C.3a 12.D.3a 12.D.3b 12.E.3a 12.E.3b 12.E.3c</p>	<p>19.A. 3 20.B.3a 21.A.3a 21.A.3b 21.A.3c 21.B.1 22.C.3a 22.C.3b 23.A.3</p>	<p>6.NS 2 6.NS 3 6.EE 1 6.SP. 3 6.SP 5a 6.SP 5b 6.SP 5c 6.SP 5d</p>	<p>CC.6.R.I. 1 CC.6.R.I. 2 CC.6.R.I. 3 CC.6.R.I. 4 CC.6.R.I. 5 CC.6.R.I. 6 CC.6.R.I. 10 CC.6.W. 1.c CC.6.W. 2 CC.6.2.b CC.6.W. 2.d CC.6.W. 4 CC.6.W.9 CC.6.W. 9.b CC.6.W. 10 CC.6.SL. 1 CC.6.SL. 1.a CC.6.SL. 1.b CC.6.SL. 1.c CC.6.SL. 1.d CC.6.SL. 2 CC.6.SL. 4</p>	<p><u>I. DIMENSION 1:</u></p> <p>All the science and engineering practices under this dimension are taught in the mission.</p> <p><u>II. DIMENSION 2:</u></p> <p>All seven crosscutting science and engineering concepts are taught in the mission.</p> <p><u>III. DIMENSION 3:</u></p> <p>PS 2.A PS 2.B PS 2.C PS 3.A PS 3.C PS 3.C PS 4.B</p>

	6.LS.4 6.LS.2 6.3.5 6.PS.3	12.F.3a 12.F3b 12.F.3c 13.A.3c 13.B.3a 13.B.3b 13.B.3c 13.B.3d 13.B.3e 13.B.3f			CC.6.L. 1 CC.6.L. 2 CC.6.L.3 CC.6.L. 4 CC.6.L. 6	PS 4.C LS 1.C LS 4.A ESS 1. A ESS 1.B ESS 1.C ESS 2.A ESS 2.D ESS 2.E ESS 3.D ETS 1.A ETS 1.B ETS 1.C
7TH GRADE	<u>I. PROCESS STANDARDS:</u> All the process standards (the nature of science and the design process) are taught in the mission. <u>II. CONTENT STANDARDS:</u> 7.1.5 7.1.6 7.1.7 7.ESS.5	11.A.3a 11.A.3b 11.A.3c 11.A.3d 11.A.3e 11.A.3f 11.A.3g 11.B.1a 11.B.1c 11.B.1d 11.B.1e 11.B.1f 12.A.3c 12.C.3a 12.D.3a 12.D.3b	19.A. 3 20.B.3a 21.A.3a 21.A.3b 21.A.3c 21.B.1 22.C.3a 22.C.3b 23.A.3	7.EE 3 7.G 6	CC.7.R.I. 1 CC.7.R.I. 2 CC.7.R.I. 3 CC.7.R.I. 4 CC.7.R.I. 5 CC.7.R.I. 7 CC.7.R.I. 10 CC.7.W.2 CC.7.W. 4 CC.7.W.9 CC.7.W. 9.b CC.7.W. 10 CC.7.SL.1 CC.7.SL. 1.a CC.7.SL. 1.b CC.7.SL. 1.c CC.7.SL. 1.d CC.7.SL. 2 CC.7.SL. 4	<u>I. DIMENSION 1:</u> All the science and engineering practices under this dimension are taught in the mission. <u>II. DIMENSION 2:</u> All seven crosscutting science and engineering concepts are taught in the mission. <u>III. DIMENSION 3:</u> PS 2.A PS 2.B

<p>7.ESS.1</p> <p>7.4.4</p>	<p>12.E.3a</p> <p>12.E.3b</p> <p>12.E.3c</p> <p>12.F.3a</p> <p>12.F.3b</p> <p>12.F.3c</p> <p>13.A.3c</p> <p>13.B.3a</p> <p>13.B.3b</p> <p>13.B.3c</p> <p>13.B.3d</p> <p>13.B.3e</p> <p>13.B.3f</p>				<p>CC.7.SL.6</p> <p>CC.7.L. 1</p> <p>CC.7.L. 2</p> <p>CC.7.L.3</p> <p>CC.7.L. 4</p> <p>CC.7.L. 6</p>	<p>PS 2.C</p> <p>PS 3.A</p> <p>PS 3.C</p> <p>PS 4.B</p> <p>PS 4.C</p> <p>LS 1.C</p> <p>LS 4.A</p> <p>ESS 1. A</p> <p>ESS 1.B</p> <p>ESS 1.C</p> <p>ESS 2.A</p> <p>ESS 2.D</p> <p>ESS 2.E</p> <p>ESS 3.D</p> <p>ETS 1.A</p> <p>ETS 1.B</p> <p>ETS 1.C</p>
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8TH GRADE	<u>I. PROCESS STANDARDS:</u>	11.A.3a 11.A.3b 11.A.3c 11.A.3d 11.A.3e 11.A.3f 11.A.3g	19.A. 3 20.B.3a 21.A.3a 21.A.3b 21.A.3c	8.F.2 8.F.5 8.SP.2 8.SP.4	CC.8.R.I. 1 CC.8.R.I. 2 CC.8.R.I. 3 CC.8.R.I. 4 CC.8.R.I. 5 CC.8.R.I. 10	<u>I. DIMENSION 1:</u> All the science and engineering practices under this dimension are taught in the mission.
	<u>II. CONTENT STANDARDS:</u>	11.B.1a 11.B.1c 11.B.1d 11.B.1e 11.B.1f	21.B.1 22.C.3a 22.C.3b		CC.8.W.2 CC.8.W.2b CC.8.W.2d CC.8.W. 4 CC.8.W.9 CC.8.W. 9.b CC.8.W. 10	
	8.2.4 8.ESS.3	12.A.3c	23.A.3		CC.8.SL.1 CC.8.SL. 1.a CC.8.SL. 1.b CC.8.SL. 1.c CC.8.SL. 1.d CC.8.SL. 2 CC.8.SL. 4 CC.8.SL.6	<u>III. DIMENSION 3:</u> PS 2.A PS 2.B PS 2.C PS 3.A PS 3.C PS 4.B PS 4.C
	8.4.1 8.4.2 8.4.3	12.C.3a 12.D.3a 12.D.3b			CC.8.L. 1 CC.8.L. 2 CC.8.L. 3 CC.8.L. 4 CC.8.L. 6	LS 1.C LS 4.A
		12.E.3a 12.E.3b 12.E.3c				ESS 1. A ESS 1.B ESS 1.C ESS 2.A ESS 2.D ESS 2.E ESS 3.D
		12.F.3a 12.F3b 12.F.3c				
		13.A.3c				
		13.B.3a 13.B.3b 13.B.3c 13.B.3d 13.B.3e 13.B.3f				

						ETS 1.A ETS 1.B ETS 1.C
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