

2010-11 Environmental Science

Month/Year	Science Content Topic	PASS Skills	Activities/ Labs/ Assessments	College Readiness Standard/ Score Range
August 2010	<p>1st 9 weeks</p> <p>Science safety</p> <p>Chapter 1+2 Intro to Environmental</p>		<p>Putnam City Science Safety Test CHP</p> <p>Journaling Tragedy of the Commons (lab) Zonda goldfish activity</p> <p>Measuring Our Human Footprint (computer lab) Zonda need web address</p> <p>The Lorax (cause and effect)</p> <p>Write sequel to Lorax</p>	<p>20-23</p> <p>16-19</p> <p>16-19</p> <p>20-23</p>

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September 2010	Science Fair OJAS Chapter 3		yeast labs (serial dilution)(BSCS)	20-23
			water quality assessment (monthly)	20-23
			Beaches Lab (Chapter 3) (need larger container)	20-23
			predicting coastal winds (Zonda)	20-23
			Bergey wind power	
	Chapter 20, 21		online project on environmental law (Zonda)	24-27
			Online project environmental or natural disaster (Jan)	
			Lead Poisoning and mental ability	20-23

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October 2010	Chapter 4,5		Darwin's finches (Zonda) Compare the throries (Jan) Elephant pictures (Jan) owl pellet (Jan) Darwin'sVoyage (Jan) relating natural selection and fequencies of traits (Zonda) here today an dgone tomorrow (Zonda) you in the fod chain (Jan) Cats in Borneo (Zonda) water quality assessment (monthly)	

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November 2010	Science Fair/ OJAS		climatogram analysis (Zonda)	
	Chapter 6-7		national Park system land use (Zonda)	
			Whooping Crane data (Jan)	
			Case of mysterious renters (Jan)	
			eutrophication lab (Zonda)	
			water quality assessment (monthly)	
	Chapter 8-9-10			

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December 2010	Science Fair/ OJAS  Chapter 8-9-10		Land use debate (Z)  overgrazing of deer (Z)  kiabab deer (Z)  elk problem (Z)  Goldfish in a pond (Z)  female literacy rates vs population growth in Africa (book)  how much tundra to feed a caribou (Z)  water quality assessment (monthly)	

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January 2011	<p>Science Fair/OJAS</p> <p>Building and district science fairs</p> <p>Chapter 11,12,13</p>		<p>Plastics and their uses (J)</p> <p>Ground water filtration (Book)</p> <p>water quality assessment (monthly)</p>	

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February 2011	Chapter 11,12,13		Composting bottles? (Z) Water and soil analysis  Water use audit (Z) acid rain (Book) global air movement (Book)  water quality assessment (monthly)	
	Regional science fair			



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April	Chapter 16, 17,18		water quality assessment (monthly)  Blowing in the Wind (Z)  Schedule Petro Pro from OERB	

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May	Chapter 18, 19		water quality assessment (monthly)  garbology (Z)  alternative energy - Blowing in the wind (Z)	