



O

Students write a letter explaining why they want to build a skate park and addressing the safety concerns. Students design a skate park sign with rules.

Essential Questions	Content	Knowledge and Skills	Vocabulary	Assessments	Lessons	Resources	Standards
How are materials selected to be used for a project? How does geometric awareness develop through visualization and practice?	Learn Sketchup 8	Show how to design on Sketchup8, stressing that the whole park needs to be shown but only the skate park needs to be detailed...equipment, benches, railings and in scale.	push/pull tool, offset tool, lines, arcs, etc.			Sketchup8	

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How do human wants and needs influence engineering developments?

How are materials selected to be used for a project? How does geometric awareness develop through visualization and practice? How do human wants and needs influence engineering developments?	Learn Power Point	Students put together a final presentation of all their work into a Power Point. Students are to add transitions and animations to their Power Point.	animation, transition			Power Point	
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D

How is the survival of a species and the ability to adapt affected by human and natural influences?	Set up reference cards for research	Student choose endangered animal from WWF.org ro research. Watch snips of endangered animals and why they are on the list. What are the common themes?	endgangered, zoologist			Word	
When investing different systems how does a habitat meet the needs of a species?		Set up research cards or sway to input their information. Use a citation for web sites for their bibliography cards.				Sway	

m Why are public policies and programs for resource use and management dependent on environmental and social pressures?

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n How is the survival of a species and the ability to adapt affected by human and natural influences?

u When investing different systems how does a habitat meet the needs of a species?

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r Why are public policies and programs for resource use and management dependent on environmental and social pressures?

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Students use Gimp2 to cut out a pictures and paste it in word.

Students are to design a prezi on their endangered animal.

Students design a poster of their animal using word by putting in graphics and wrapping pictures and texts.