

		2	5	7	10
	Category	Needs improvement	Satisfactory	Good	Well done
<b>Introduction</b>	<b>Title</b>	Lacks interest and incomplete	Title only	Title, your name, and graphic elements	Title, your name, graphic elements, and narrated welcome
	<b>Music</b>	none	some problems	transitioned	transitioned well, adds to video, volume good
	<b>General overview of what the viewer will learn about</b>	Lacks info or details	minimal information to help set the viewer up for video	Covers important introductory info to help the viewer	Clear, sequenced introductory info that lays the video ideas out well.
<b>Science Content</b>	<b>Creature background info</b>	Lacks details	minimal information, no location info	Gives some details, includes location(s)	Good detail including location, biome, and challenges.
	<b>Adaptation of interest</b>	Lacks details and/or no graphics	Adaptation discussion, minimal supporting details or graphics	Adaptation discussion, several supporting details and graphics	Adaptation clearly explained, many supporting details and excellent graphics
	<b>Physics connection to adaptation</b>	simple reference only	simple, but specific reference made	specific references made, connection of principles made	Clear specific connections, shows good understanding of principles at play
	<b>Physics explained</b>	none	brief, but general	provides details and helps viewer see physics ideas being highlighted in video	thorough and specific, good clear application of physics in the creature, physics ideas accurate
	<b>WHY the biophysics helps them live</b>	simple reference only	minimal explanation, lacks details	specific references made, connection to physics made	Clear connections, restates application of physics, well illustrated & explained
	<b>Challenges in creature's environment</b>	none	minimal description	describes environment, predators (if any) that may be related to adaptation	describes environment in detail, predators (if any) related to adaptation, makes challenges clear
<b>Narration</b>	<b>Pacing</b>	Inconsistent - slow/fast	Unrehearsed	rehearsed, good pace-can follow	good use of pauses, good pace, clear, well rehearsed

	<b>Clarity of voice</b>	Muddled at times	mostly understandable	Able to understand all that is said	easy to understand all that is said- good enunciation.
	<b>Language</b>	poor sentence construction	simple wording, okay sentence structure	uses correct terms, good sentences	uses technical terms correctly, excellent and to the point sentences
	<b>Engaging</b>	monotone	little emotion	shows variation in speaking for interest	Good variation in speaking, shows emotion, emphasizes points - interesting
<b>Images</b>	<b>Help show features-Specific and detailed</b>	too general	too general, but have some detail	detailed and show features in general	excellent detail and focused in on featured ideas
	<b>support connections</b>	none	little	make some connections	clear connection illustrated
	<b>Accurate</b>	several inaccurate images included	two images that are not accurate	images accurate, but too simple	accurate and detailed images that support concepts well
	<b>Engaging</b>	Little visual interest	limited visual interest	visually interesting	Exciting and highly engaging images
<b>Music</b>	<b>Copyright free</b>	used copyrighted music openly	no citation of music source	used royalty free music, but not cited well	royalty free music with complete citations of sources
	<b>Transitioned</b>	none	little effort made	volume changes, but a little rough	smooth volume changes and transitions in and out of music used
	<b>Adds rather than detracts</b>	distracting music	volume not correct so that it conflicts with narration	good volume, good music choices, not distracting	music enhances quality of video produced
<b>Credits</b>	<b>Information sources referenced</b>	none	a few cited	most sources cited in credits	all sources cited in credits of movie
	<b>Image sources referenced</b>	none	a few cited	most sources cited in credits	all sources cited in credits of movie
	<b>Sound sources referenced</b>	none	a few cited	most sources cited in credits	all sources cited in credits of movie

<b>Overall Video</b>	<b>Provides clear connection between physics and creature</b>	little effort obvious	attempt to show connections, but sort of generalized and limited	good effort and some connections made, but lacks detail and clear explanations	Excellent effort that clearly shows and explains connections between physics and focus of movie
	<b>Easy to follow from beginning to end</b>	no logical progression	parts are well laid out, but the whole movie doesn't flow well	Good organization and flows from one idea to the next	Excellent progression, clearly laid out, everything fits together.
	<b>Interesting and engaging</b>	little interest	parts hold interest	most hold a viewer's interest and make them want to keep watching	Very engaging- want to watch more, interesting!
	<b>Educational: we know more by watching it</b>	little info presented	some new information	new information and ideas presented	Good presentation of rich new information that helps the viewer see the physics in creature
	<b>Complete- has all parts required</b>	missing several elements	missing some pieces	little missing	all parts included
	<b>Graphics and other aesthetic aspects</b>	boring	little apparent concern for visual interest	moderately appealing	Very appealing and well done

Points
x2
x2



<b>x3</b>
<b>x2</b>