

**NASA Product Review: History and Discovery of Asteroids
 Aggregations of Actionable Reviewer Comments
 June 7, 2006**

“This is one of the most wonderful educational products I have ever reviewed! I wish I taught middle school, I would love to try it out. I will certainly recommend it to my friends who do teach middle school. The designers of this module are to be congratulated for a very nice piece of work!” --Reviewer

Reviewer	Comment/Suggestion	Ristvey Comment	Resolution (John’s notes)	Action Items for:
0292 and 0487	Math standards need to add as well as technology.	Very easily done. Place at the end of the Teacher Guide.		
0292	Traditional assessment is not used. There should be more assessment provided.	We have a traditional test already written (used in evaluation) that can be included for use by teachers.	Add to overview page Student version only Email address for answers?	John/Deb/Lisa
0292	I would like to see the pre/post test and the original readings that were cut out of the unit.	Add already constructed test. Provide links to Flashbacks.	Add link to non flash flashback to overview page	Lisa
0381	Several of the activities ask students to interpret images without supplying enough scaffolding to enable them to understand what they are seeing.	I think this reviewer is referring to Modeling in 3D and Mystery Asteroid. We used the best images available at the time. Part of the “Mystery” was to show the limited information	Discuss with Donna/Joe Donna to revise activity and provide scaffolding	Donna/Deb

Reviewer	Comment/Suggestion	Ristvey Comment	Resolution (John's notes)	Action Items for:
		we currently have on Ceres. Suggestions for scaffolding?		
0381	Needs a table of contents, page numbers, clearly defined student handouts, clearly defined teacher sections.	This is not a print document. Let's look at the overview page. Suggestions?	Discuss with Deb/Lisa	Deb/Lisa
0381	Links on Mystery Asteroid to "Dark and Starry Night" and "star maps" did not work.	Fix.	Unable to locate these links in this document	Lisa
0381	Needs editing: Solar System vs. solar system, Asteroid Belt vs. asteroid belt, Sun vs. sun. Specific typos mentioned.	Fix.	Lisa make consistent Always refer to Ceres as DP	Lisa
0466	The interactive pages need to have the images larger or increase in size via mouse over.	Not sure what interactive pages this person is referring to. Need specific locations in order to fix.	No action	
0466	I found the organization confusing and there is no clear path to follow.	Similar to comment above. Review the overview page and perhaps provide a short introduction that explains	Also add wording about using protected word documents	Lisa Done

Reviewer	Comment/Suggestion	Ristvey Comment	Resolution (John's notes)	Action Items for:
		the learning cycle???		
0487	...including keys to all the activities would help the teacher stay focused on whether the students were really learning or just in the room while the activity is happening.		Talk with Deb	Deb and John
0487	<p>Specific Suggestions: Seeing Far Away.. answer to Q 4 is not including in reading since concave and convex terms are not included. Lost is Found... Q7 concrete answer not found in reading. What CAN you see...Q2 suggest rewording. I can see more clearly....Add question "Why is a space telescope needed at all? advantages etc. Patterns in the sky...Include a sample of student work. Patterns in the sky Part II Suggested change to question. Plus describe difference between Law and law. In Search of...Add question for students to use words and diagrams to show that they understand the movement of a planet or asteroid against the background stars.</p>	<p>Most of these suggestions look do-able. We will consider each one on a case by case basis.</p>	<p>Q4 and Q7- Elimiated question</p> <p>Q2: Done</p> <p>Add question "Why... (This is not addressed in text...do not add)</p> <p>Patterns in the sky... (We will need to get student sample from next roud of evaluation summer 2007?)</p> <p>Suggested change...(Check this and check w/ Donna TG Rex only</p>	John/Donna/Deb

Reviewer	Comment/Suggestion	Ristvey Comment	Resolution (John's notes)	Action Items for:
	How Bright Are You...Add question about why the points should not be connected.		Add question for... (Deb) "How bright are... (Add to document	
0487	I found numerous typos and other mistakes. (some listed) Suggested change in the description of albedo in Seeing Circles. (whiteness vs. reflectivity)	Entire module will include another technical edit. Specific mentions will be fixed.	Check this	Deb/Lisa
0239 and 0240	I found a problem with the news article. Check carefully how the text on the second page follows the text on the first page.	Fix	Lisa	Lisa
0239	Astronomical Serendipity indicate a number of asteroids that have been identified. Our number is low.	Recommend saying "as of this writing (2006) ### number of asteroids have been identified.	Deleted statement in figure caption	Done
0239	What CAN you see. It seems that albedo is only a function of size, composition is not mentioned. Suggests some examples of high and low albedos. Typo on moon's mass.	Fix	1. Done 2. Chart revised 3. Is this in the text?	1. Done 2. Done 3. Deb
0240	Introductory PowerPoint is useless without the TG.	It was intended to be used with	Ask Lucy/Elizabeth to ID or define	Deb to follow up with Lucy

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	Technical terms need definitions for the teacher (e.g., basaltic, differentiated, ion propulsion)	the TG Define terms (Dawn Dictionary) Link to ion propulsion module – we cannot fully explain ion propulsion in this module.	terms to be included	
0240	Too much emphasis on the Titius Bode law being described as a “law”		See 487 comment Talk with Donna	John/Donna/Deb
0240	Font on the website is too small.	?		
0240	Terms are not defined: tectonic, framing camera, mapping spectrometer. There needs to be a glossary.	We can add these terms and more links to the Dawn Dictionary. This reviewer obviously missed it.	Add to list	Lisa/Deb/Lucy
0363	Unable to access “Ping Pong” and “Star Map Quadrants”	Double check this.	Working	Done
0363	“Seeing Circles” just ends...there needs to be something that pulls it all together.	Fix	Ristvey fix in TG	John
0363	Some inconsistencies were identified. Names von Zach vs. Zach. Metric/English in “Where are You?” Years that “Copernicus studied” in Thinking Outside the Box (30 or 36)	Fix	I’m not seeing English. I don’t see this Double Check	Deb

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0363	Dawn Timelines do not agree.	Use new dates and make consistent.	Check Lisa	Lisa
0363	I was not able to download many of the needed handouts that were MS Word. I was not clear how if there were other ways to do it.	MAC user...double check rtf and/or pdf versions.	Lets add PDFs too for these	Lisa
0363	I found that although the premise is that the vignettes can be read independently and then hooked together, it really appears that they were intended to be read in sequence. Terms and people are not identified clearly in later vignettes if they were identified in earlier ones for example. "Dark and Starry Night" asks in #3 what a star chart is, but you need to have done the "In Search of..." activity to know this.	We need to discuss how best to address this.	Do you or could we just link to it?	Deb/Lisa