

**Review Form 1.7**

Journal Name:	<b>International Astronomy and Astrophysics Research Journal</b>
Manuscript Number:	<b>Ms_IAARJ_106925</b>
Title of the Manuscript:	<b>345 years of the Master Degree of Edmond Halley and the trajectories of five comets after the passage of the Halley comet in 1986: a didactical and historical approach</b>
Type of the Article	<b>Review Article</b>

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**PART 1: Review Comments**

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Correct as it is a review article.</p> <p>Yes</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes</p>	
<p><b>Optional/General</b> comments</p>	<p>Query 1: The last few lines of abstract: This method it -----years of observation. Needs to be replaced as; "This method was used in high schools, classrooms. Furthermore, it will present all the photographic records of these five comets during 37 years of observation".</p> <p>Query 2: Last lines of introduction: It should be "Brazilian high schools" instead of "brazilian high schools".</p> <p>Query 3: First paragraph of Historical Approach: Edmund Halley was -----of King Charles II.</p> <p>Needs to be replaced as; "Edmund Halley was a famous astronomer who was born in 1656. He studied at St. Paul's School in England, and he was very interested in physics, mathematics and astronomy. When he changed school, Queen College (Oxford), his father gave him a telescope of twenty-four feet long. When he was 19 years old, he wrote "Do the Real Astronomer". John Flamsteed wanted to inform you that the tables of the calculations of the positions of Jupiter and Saturn, as well as the star positions as registered by Tycho Brahe, were wrong. An year after, Flamsteed encouraged Halley to publish a paper entitled A direct and geometrical method to find aphelia, eccentricities, and proportions of primary planets in the prestigious Philosophical Transactions of the Royal Society During 1676–1678, Edmund Halley changed his residence on Saint Helen Island and constructed an observatory with a great telescopic sextant publishing after a catalog of the stars of the meridional skies with the aid of King Charles II."</p> <p>Query 4: Replace first few lines of Results and Discussion as;</p>	

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	The present paper represents our didactical efforts to teach high school students the themes like the Copernican Revolution, Kepler's Law, Gravitation, and the sensational history of the prediction of the next passage of a periodic comet by Edmond Halley.	
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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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Department, University & Country	<b>G.G.M. Science College, India</b>