

## VIDEO Worksheet: In Search of the Edge: The World is Flat

- A. As you watch the video, look for items given as **evidence** to show the **Earth is flat** and not spherical. As each item is presented in the video, indicate whether it “**Seems OK**,” “**Not OK**,” or you’re just “**Not Sure**” by placing an X in the appropriate column. If you see any additional items of evidence, add them at the bottom of the table.

EVIDENCE?	Seems OK	Not OK	Not Sure
1. Ptolemy said “Earth was flat and circular,” and he was right			
2. Tall buildings are <i>not</i> larger at the top than at the bottom (as you would expect if Earth was a sphere)			
3. Hull of ship disappears first because light rays bend down toward the Earth’s gravity			
4. Flag 6 miles away on Old Bedford Canal still visible above the water instead of disappearing 16 feet below line of sight			
5. Photos of Earth taken from space appear curved due to the bending of light by Earth’s gravity			
6. Clouds move very slowly, not racing by as they would if Earth was spinning			
7. Continents have not moved to the equator by centrifugal force on a spinning Earth			
8. Dirigible over England remained over spot in England (instead of New York moving to a position under it)			
9. The Space – Non-Space / Time – Not Time idea (explaining how Moon and Sun can seem to go around us).			
10. Reflectivity and Non-Complementarity are well-known phenomena supporting Space – Non-Space			
11. Andrea Barn’s note saying “I have been there... The debate finally comes to an end”			
12.			

- B. **CORRECTIONS:** For each item you marked “**Not OK**,” briefly describe what seems to be wrong with it. Do this on the back of this sheet, indicating its number and your critical comments. Be prepared to defend your analysis in class discussion.
- C. **CONTRADICTIONS?** If you notice any pairs of claims that seem to be inconsistent with each other (contradictory), point them out (on the back of this sheet).
- D. **CLARIFICATIONS:** What in the video would you like to know more about? Jot it down, and do an internet search for more information about it (or them). Be prepared to share what you find with the class.
- E. **CONCLUSIONS:** Why do you think this video was shown to you? What have you learned from this experience? What do you conclude from seeing and discussing this video. Did your conclusions after seeing the video change after discussing it in class?