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Period _____

October Sky Video Questions

1. Who launched the first man made satellite and when?
2. How fast is sputnik and how long is it's orbit?
3. Where and when does this movie take place?
4. Who is Warner VanBran?
5. What is Sputnik transmitting?
6. How high up is sputnik?
7. What is Homer's mother's advice about the rocket idea he has?
8. What is Homer's first rocket made with?
9. Where does Homer go for rocket info?
10. Name some ingredients of rockets?
11. What is the second rocket made of?
12. Why is the "nozzle" important?
13. What do science fair winners get?

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14. What is the name of the second rocket?
15. What is an “auk”?
16. Where is “off-company-property” and how far is it?
17. What do they call the new launching ground?
18. How do they get supplies?
19. Why is coal mining important?
20. Why is their chemistry class mixture good?
21. What did the rocket remind Mr. Bolin of?
22. What is the problem with this rocket according to Mr. Bolin?
23. What kind of steel do they need for their rocket?
24. How much is a rail road tie and a rail road nail?
25. Why is the angle of 30° important?
26. How do they fix the heavy problem of the rocket?
27. Why are the rockets exploding and how do they fix it?

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28. What book does Miss Riley get Homer and what kind of math does it have?
29. Where does Jim get a scholarship too?
30. What newspaper do they get in?
31. What do the boys get arrested for?
32. What happens to Homer's dad?
33. What is the number of the guy that died in the mines?
34. What does Homer do now that his dad is hurt?
35. What is going on at the mines according to Homer's dad?
36. Why doesn't Homer want to finish high school?
37. What is wrong with Miss Riley?
38. What do Quinten and Homer use trigonometry for?
39. How do they find the missing rocket (explain)? What does this prove?
40. What equation does Homer use to prove his innocence?
41. What really starts the fire?
42. What happens after they win the county science fair?

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43. Where is the nation science fair?
44. What happens to the science fair display?
45. How does Homer's mom fix the problem of the stolen science fair project items?
46. Who talks to him right after the winners are announced?
47. Who is Homer's hero?
48. Who is the award dedicated too?
50. What happened to Quinten, Roy Lee, O'Dell and Homer in the future?