

THAT'S FAST!



Level ONE Questions (#1-3)

1. What is faster, a cheetah or the goo that comes out of your mouth when you sneeze?
2. Can a Peregrine falcon travel faster than a race horse?
3. According to the graph on the poster, how fast does sound travel?

Level TWO Questions (#4-6)

4. What could go the farthest in a minute, the space shuttle or a meteor speeding towards Earth? Explain.
5. Can we make anything go faster than the speed of light?
6. Because of the large range of speeds shown on the graph on the poster, a special scale is used. By what number do you multiply each step on the horizontal axis to get to the next step?

Level THREE Questions (#7-9)

7. During a thunder storm, do you see the lightning first or hear the sound of thunder first? Explain.
8. Which travels farther, a three-toed sloth running for 10 hours, or a race horse running for a half-hour? How far has each traveled in those times?
9. By the time you are 10 years old, how far has the Earth traveled in its orbit around the Sun?