Springs and things

If you could jump as well as a grasshopper can, you would be able to travel the length of a football field in just three jumps. Insects such as grasshoppers, leafhoppers and fleas can leap a long way because they have strong leg muscles and small bodies that don't weigh very much. A flea's body is so thin that it can easily hop between an animal's hairs. A springtail has extra built-in equipment for jumping. Folded underneath its abdomen is a forked "tail" that flips down and pushes off the ground like a spring to shoot the insect through the air.

Grasshopper

Flea

Springtail Springtail Ceafhopper

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Measuring up

Find out how you can measure your own jumps and compare them to these mini-Olympians.



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