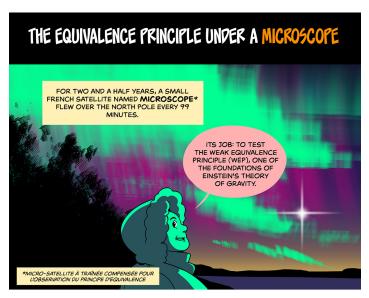


## The Equivalence Principle under a MICROSCOPE

A cartoon illustrates results from the *MICROSCOPE* satellite mission, which has measured with astronomical sensitivity the falling rate of different objects under gravity.

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## PHYSICS HAS TWO KINDS OF MASS:





WEP SAYS THESE TWO TYPES OF MASS ARE EQUIVALENT--A RADICAL IDEA, SINCE IT IMPLIES A SPECIAL RELATION BETWEEN GRAVITY AND MASS THAT OTHER FORCES DON'T HAVE.



