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x Epidermal cells are positioned on the most out layer of skin and thus have the potential risk of being exposed to environmental factors. The biological effect of ionizing radiation (IR) on the skin tissue is a significant problem for medical applications, such as radiotherapy for cancer treatment. What is PhET? Founded in 2002 by Nobel Laureate Carl Wieman, the PhET Interactive Simulations project at the University of Colorado Boulder creates free interactive math and science simulations. Gravity is such a pesky thing. It prevents us from doing all sorts of wonderful things. Such as floating through the air like a balloon, traveling into orbit without paying an ugly cost in ΔV , and being morbidly obese but still light on your feet like Baron Vladimir Harkonnen. By the same token, it would also be incredibly useful to be able to create gravity on command. Ask anybody taking airplane piloting lessons and they'll tell you that taking off is easy, the incredibly hard part is landing. At least landing safely, any fool can land by augering in. Or what Rob Davidoff calls "lithobraking into a low-altitude synchronous orbit.". Naturally this is an order of magnitude harder when doing a tailsitting rocket (Vertical takeoff, vertical landing or VTVL ...