



Name(s)	Project Number
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	01304
Project Title	
Can of Worms	
Abstract	
Dbjectives/Goals I wanted to see if it mattered where a nightcrawler (earth	worm) was cut in order for it to regenerate.
I cut the nightcrawlers at: 1.27cm posterior (bin 1), 2.54c 2.54cm anterior (bin 4), approx. in half (bin 5), and a cor	em posterior (bin 2), 1.27cm anterior (bin 3), atrol group (bin 6).
Results In bin 1, 78% regenerated and 22% did not. In bin 2, 33% 22% died. In bin 3, 40% healed and 60% died. In bin 4, 1 tails healed, 62% of heads died, 85% of tails died. All wo	6 regenerated, 44% partially regenerated, and 100% died. In bin 5, 38% of heads healed, 15% of forms in bin 6 were healthy.
Conclusions/Discussion My hypothesis was incorrect. I thought that it would ma what really mattered was the anterior/posterior cuts. The or partially regenerated. The earthworms with their anter they cannot regenerate a "head" or I might have cut throu	tter that the shorter length would matter when earthworms with their posterior cut regenerated ior cut did not regenerate. This might be because ugh their hearts
they cannot regenerate a nead of 1 might have cut throt	ign their hearts.
Summary Statement The placement of a cut on a nightcrawler affects it's abili	ty to regenerate the cut off portion.
Help Received	
Supervised by teacher Ms. Batteiger and mother, mother	helped cut some worms.