

Survival of the Fittest Activity

Part 1: Candy Variations

Which candy did you choose?	
Why did you choose that candy?	
What are some traits of the candy you chose?	
Why do you think some candies were not chosen?	

Important Idea #1

All candies have . Some of these are better than others. People have different that cause different candies to be perfect for that .

Part 2: Competitive Candy

Round	# of Candies per Table	Winner(s)
1	4	
2	3	
3	2	
4	1	

Look at the person who won round 4. What traits does that person have that helped him/her win?	
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What behaviors did that person display that helped him/her win?	
Why did you all fight to get the candy?	

Important Idea #2

Animals also have different . When decrease, competition , and some organisms will be better for that than others.

Part 3: Musical Chairs

Before you play...	
What trait variations would be important to a person trying to win musical chairs?	
What behaviors would be important to a person trying to win musical chairs?	

After you play...	
Look at the person who won the game. What trait variations does that person have that helped him/her win?	
What behaviors did that person display that helped him/her win?	
Why did you all fight to get the chair?	

Important Idea #3

Both help organisms survive. When competition is high, organisms who are a good for their environment are the ones who survive and reproduce, passing on their to the next generation.

Part 4: Moths of a Different Color

On the white tablecloth...			
Moths	Number of black beads "eaten"	Number of white beads "eaten"	Was one eaten more than the others? Why?
1			
2			
3			
4			
Total			

On the black table...		
Moths	Number of black beads "eaten"	Number of white beads "eaten"
1		
2		
3		
4		

Important Idea #4

An organism may be perfectly well adapted for one , but if that environment changes, then their adaptations may not longer be for their survival and/or reproduction.