



Bugs Swap Powers! Activity Sheet

	Number of students with Yellow circles	Number of students without Yellow circles
Before Round 1 Exchanges		
After Round 1 Exchanges		
After Round 2 Exchanges		
After Round 3 Exchange		

In this activity, what do the following represent?

Green circle

Yellow circle

Your Arm

Bag



BUGS SWAP POWERS! ACTIVITY SHEET

ANSWER THE FOLLOWING QUESTIONS

HOW MANY BACTERIA WERE ORIGINALLY ANTIBIOTIC RESISTANT?

HOW MANY BACTERIA WERE ANTIBIOTIC RESISTANT AFTER 3 EXCHANGES?

EXPLAIN WHY SOME STUDENTS HAD TO SIT OUT FOR ROUND 3?

WHICH OF THE FOLLOWING ORGANISMS ARE CAPABLE OF EXCHANGING DNA BETWEEN THEMSELVES?

- Cat and Dog
- Giraffee and mouse
- Different strains of Bacteria