

CALIFORNIA STATE SCIENCE FAIR 2015 PROJECT SUMMARY

Name(s)	Project Number
Olivia Z. Boles	Å
Project Title	35161
Project fille Destaria Destaria Ca Amaril	
bacteria, bacteria Go Away!	
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Abstract	
Objectives/Goals	
The objective of this project was to determine if disinfectant wipes effective on common surfaces	y iemoven harmful bacteria
Methods/Materials	$\langle \bigcirc$
The methods included swathing the same surface, in the same master, then	with the same motion, wiping
gel), 5 middle school athletics volleyballs, 5 middle school athletics basis the	ally, 5 middle school owned
iPads, 5 middle school owned computer keyboards, 40 sterile syabs, 20 Clor	a brand disinfectant wipes.
Results	nt winas an common
surfaces. The experiment proved that disinfectant wipes kill only 12.18/5%	of bacteria on common
surfaces.	
Conclusions/Discussion Disinfectant wipes do help kill bacteria, but not the marketed 99 %. The by	nothesis is supported in the
findings: if items commonly found in middle schools are swather for bacteri	a, wiped with a disinfectant
wipe and then swathed for bacteria again, there will be less bacterial growth.	This project could lead to
most effective.	nich brand or method is the
$(\overline{a}, \overline{a})$	
Summary Statement	
Using common objects and surfaces, this experiment tested the efficacy of di	sinfectant wines on bacterial
growth.	since and wipes on bacteria
Help Received	
Mrs. Silverman, my science teacher, helped with boiling the agar gel. A fell	ow student helped in the
labeling of petri dishes and in the swathing process.	