Soybean aphids and soybean plants

RESEARCH QUESTIONS				
REPRODUCTION OBSERVATIONAL QUESTION: How do soybean aphids reproduce?				
GENETICS TESTABLE QUESTION: Which plant (leaf) is aphid resistant? (Follow up: How do scientists do this and predict what the plants will be?				
BACKGROUND RESEARCH				
Throughout the investigations and using different resources, record any background research on reproduction, genetics, soybean aphids and their life stages, soybean plants, etc. Write some important ideas/vocab here to help you. This will be important for the justification of your claim later on.				
REPRODUCTION OBSERVATIONAL QUESTION: HOW DO SOYBEAN APHIDS REPRODUCE?				
GENETICS TESTABLE QUESTION: Which plant (leaf) is aphid resistant? (Follow up: How do scientists do this and predict what the plants will be?				
GENERAL OBSERVATIONS				

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LARGE APHIDS (DRAW AND DESCRIBE)	SMALL APHIDS (DRAW AND DESCRIBE)

DATA COLLECTION SOYBEAN PLANT SPECIMEN CODES __A AND _B

DATE	SAMPLE A			SAMPLE B		
	Large	Small	Dead or Other	Large	Small	Dead or Other
	Large	Small	Dead or Other	Large	Small	Dead or Other
	Large	Small	Dead or Other	Large	Small	Dead or Other
	Large	Small	Dead or Other	Large	Small	Dead or Other
	Large	Small	Dead or Other	Large	Small	Dead or Other



DATA ANALYSIS & INTERPRETATION		CLAIM		
Analyze the data. W	I see: patterns in data) hat happened with the numbers? ge? Comparisons?	Reproduction observational question: How do soybean aphids reproduce?		
Changes in SAMPLE A	Changes in SAMPLE B	Claim (use WIS/WIM) + justification (use background research):		
	(What it means) /hat do those patterns tell us?)			
Reproduction:				
		Genetics testable question: Which plant (leaf) is aphid resistant? (Follow up: How do scientists do this and predict what the plants will be?)		
		Claim (use WIS/WIM) + Justification (use background research):		
Genetics:				

