

Scratch Population Simulation Game Rubric

NAME: _____

TOTAL POINTS

AREA	Points Received	Points Possible
Planning		15
Collaboration & Engagement		10
Content		10
Creativity		5
Spelling & Conventions		5
Programming		10
TOTAL:		_____/55 pts

PLANNING

/15 pts.

_____/4 pts.	Research Planning Sheet	4= Complete & Accurate (correct) information 3= Complete with mostly correct information 2= Some items not complete; most information correct 1= Incomplete with many errors
_____/2 pts.	<i>*Lists at least 3 sources of information</i>	
_____/4 pts.	Event Planning Sheet	2= Some items not complete; most information correct 1= Incomplete with many errors
_____/4 pts.	Ride Stop Planning Sheet	
_____/1 pt.	<i>*Includes source of photo/image</i>	

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COLLABORATION & ENGAGEMENT

/10 pts.

For the Collaboration & Engagement category, students will receive both a grade from their teammates and one from their teacher. Alternately, you could have students self-score if you do not want them to score their teammates. These two combined scores will total 10 points.

Peer/Self-Score	Teacher Score	
5 pts	5 pts	<ul style="list-style-type: none"> ✓ I worked well with my group members. No intervention from the teacher was necessary. ✓ I contributed to the group and did my assigned part. ✓ I helped my teammates when I could. I stayed on-task. ✓ All components of the project were turned in on time.
4 pts	4 pts	<ul style="list-style-type: none"> ✓ I worked well with my group members. No intervention from the teacher was necessary. ✓ I contributed to the group and did my assigned part. ✓ I helped my teammates when I could. ✓ I stayed on-task.
3 pts	3 pts	<ul style="list-style-type: none"> ✓ I worked well with my group members. Minimal intervention from the teacher was necessary. ✓ I contributed to the group and did my assigned part. ✓ I helped my teammates when I could. ✓ I mostly stayed on-task. Minimal intervention from the teacher was necessary.
2 pts	2 pts	<ul style="list-style-type: none"> ✓ I had trouble working with my group members. Teacher intervention was necessary on multiple occasions. ✓ I mostly contributed to the group; I did not complete all of my assigned part. ✓ I had trouble staying on-task. Teacher intervention was necessary on multiple occasions.
1 pt	1 pt	<ul style="list-style-type: none"> ✓ I had trouble working with my group members. Teacher intervention was necessary on multiple occasions. ✓ I did not complete my assigned part. ✓ I had trouble staying on-task. Teacher intervention was necessary on multiple occasions.

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CONTENT

/10 pts.

10 pts	<ul style="list-style-type: none">✓ Includes accurate (correct) information related to the topic of study.✓ Includes at least 2 native species (one predator; one prey) and one non-native species.✓ Game is based on research on the topic of study; at least 3 sources cited.✓ Game accurately simulates the consequences of introducing a non-native species into the habitat.
8 pts	<ul style="list-style-type: none">✓ Includes accurate (correct) information related to the topic of study.✓ Includes at least 2 native species (one predator; one prey) and one non-native species.✓ Game is based on research on the topic of study; at least 3 sources cited.✓ Game somewhat accurately simulates the consequences of introducing a non-native species into the habitat.
6 pts	<ul style="list-style-type: none">✓ Includes mostly accurate (correct) information for their assigned topic of study.✓ Includes at least 2 native species (one predator; one prey) and one non-native species.✓ Game is based on research on the topic of study; at least 2 sources cited.✓ Game somewhat accurately simulates the consequences of introducing a non-native species into the habitat.
4 pts	<ul style="list-style-type: none">✓ Includes some accurate (correct) information for their assigned topic of study.✓ Includes at least 2 native species (one predator; one prey) and one non-native species.✓ Game is not based on research on the topic of study; no sources cited.✓ Game does not accurately simulates the consequences of introducing a non-native species into the habitat.

SPELLING & CONVENTIONS

/5 pts

Score	
5 pts	✓ There are no spelling or grammatical errors.
4 pts	✓ There are 1 – 2 spelling or grammatical errors.
3 pts	✓ There are 3 – 4 spelling or grammatical errors.
2 pts	✓ There are 5 – 6 spelling or grammatical errors.
1 pt	✓ There are more than 6 spelling or grammatical errors.

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CREATIVITY

/5 pts

Score	
5 pts	<ul style="list-style-type: none">✓ Project includes at least 3 extra elements (blocks, backdrops, scripts, images, sounds, animations, motions, etc.) or interactive features beyond what is required.✓ Project is unique and different from the sample project but still meets all requirements.
4 pts	<ul style="list-style-type: none">✓ Project includes at least 2 extra elements (blocks, backdrops, scripts, images, sounds, animations, motions, etc.) or interactive features beyond what is required.✓ Project is unique and different from the sample project but still meets all requirements.
3 pts	<ul style="list-style-type: none">✓ Project includes at least 1 extra elements (blocks, backdrops, scripts, images, sounds, animations, motions, etc.) or interactive features beyond what is required.✓ Project is unique and different from the sample project but still meets all requirements.
2 pts	<ul style="list-style-type: none">✓ Project is somewhat different from the sample project but still meets all requirements.
1 pt	<ul style="list-style-type: none">✓ Project is minimally different from the sample project but still meets all requirements.












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PROGRAMMING

/10 pts

- ✓ Correctly utilized ALL of the following Scratch blocks (below) and the student can explain the block itself and how it works (10/10 points).

EVENT BLOCKS		
____/1 pt.	When green flag clicked	
____/1 pt.	When this Sprite clicked	
____/1 pt.	Broadcast a Message	 
____/1 pt.	When Backdrop Switches	
LOOKS BLOCKS		
____/1 pt.	Say Something	
____/1 pt.	Show/Hide Sprite	 
____/1 pt.	Switch Backdrop	
MOTION BLOCKS		
____/1 pt.	Go to..	
____/1 pt.	Point Towards	
____/1 pt.	Glide	