

SAMPLE – NOT FOR CONTEST ENTRY

Entries must be submitted via the electronic submission form to be considered

Genes in Space 2023 Application Form – over 13

Contestant

First name _____ Last name _____ Age _____

Address _____

Email _____ Phone _____

Grade in School (must be in grade 7 - 12) _____

School or Institution mailing address

Name of school or program _____

Address _____

Teammate (optional; limit 1)

First name _____ Last name _____

Email _____ Phone _____

Grade in School (must be in grade 7 - 12) _____ Age _____

Name of your adult sponsor (teacher/parent/guardian/other)

First name _____ Last name _____

Email _____ Phone _____

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APPLICATION

1. Provide a descriptive title for your project. (100 characters)
2. Describe the scientific problem that you propose to address. What is the question you are trying to answer? What makes it significant, relevant, and interesting? (200 words)
3. State your hypothesis and explain your reasoning. Based on your background research, what will be the main objective of your experiment? (200 words)
4. Outline your experimental plan. How will you use the tools in the Genes in Space toolkit to test your hypothesis? Be sure to specify the samples you will analyze, controls that you will use, and the possible experimental outcomes. (200 words)
5. Explain why you selected the tools you incorporated into your experimental plan. What makes them a good fit for your research question? (200 words)
6. How did you hear about Genes in Space?
7. Citations (optional)

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SCORING CRITERIA

- I. Have you identified an interesting question? (20 points)
- II. Have you stated a clear and well-reasoned hypothesis? (20 points)
- III. Do you present a clear and actionable experimental plan? (15 points)
- IV. Does your experimental design make sensible and creative use of the Genes in Space toolkit? (15 points)
- V. Do you make a strong case for the benefits your work will bring to future generations of space travelers? (25 points)
- VI. Does your proposal inspire enthusiasm for your selected topic? (5 points)

