# Science Olympiad 2020-2021 Season
## Sounds of Music Checklist / Data Sheet

### Event and Construction Requirements

- □ 1. Competitors construct only 1 device
- □ 2.a. Reference materials secured in 3 ring binder
- □ 2.e. Log submitted
- □ 2.f. Competitors must be able to answer questions about the device per the Building Policy
- □ 3.a. No electrics, electronics, toy or professional instruments or components except strings in device
- □ 3.b. Device plays an ascending major scale with octave jump
- □ 3.c. Device plays pitches for Twinkle, Twinkle
- □ 3.e. Energy must come from competitors, who may not hum or sing
- □ 3.f. Device fits in 60.0 x 60.0 x 100.0 cm box
- □ 3.g. Device uses same component types for all parts
- □ 4.d. Students put tuner away after 2 mins

### Pitch Score Tests

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<tr>
<th>Pitch</th>
<th>Target Note</th>
<th>Skipped</th>
<th>Y</th>
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- Measured Freq
- | or Cents off |

### Song Score Test

- Rhythmic accuracy (max 3)
- Pitch accuracy (max 3)
- Played within 15 secs (max 3)

### Part I: Written Test

- Exam Score

### Bonus Pitch

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<th>Target Note</th>
<th>Skipped</th>
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- Measured Freq
- | or Cents off |

### Penalties

- Competition violations(s)
- Team didn’t bring a device
- DQed for unsafe operation
- Construction violations corrected

### Team Verification

4.h. I verify the event supervisor has reviewed with me my team’s recorded device testing data.

Signature