**The Great Computer Challenge, 2019**

***Music Composition, Level III***

# **Background**

As a composer of music, you can practice music theory through writing music notation, and use critical-thinking skills to organize your compositions. Your skills can be applied to many different musical styles. For example, film/television music helps establish setting, creates atmosphere, calls attention to important elements, and creates emotion. As you address the problem that follows, reflect on the sensory, emotional, and intellectual qualities of music.

# **Guidelines & Requirements**

1. Write an original instrumental piece. This piece must include at least one traditional sound source and one nontraditional sound source, but can include more.
2. The entire piece must be an original composition and cannot contain any pre-recorded tracks, except for the non-traditional sound sources.
3. The meter must be 4/4 and the key can be your choice
4. Your piece must contain **all** of the following elements:

* Three or more different indications of dynamics, including at least one crescendo
* Three or more instances of syncopated rhythm
* Some instances of staccato notes

# **Challenge**

Research indicates that hurricanes are intensifying more quickly than ever before. Strong hurricanes are dangerous for coastal communities such as Hampton Roads, so educating the public about hurricanes is very important.

You have been commissioned by a local news station to write the music for an upcoming television program about the impact of hurricanes in Hampton Roads. When composing your piece, think about the sounds you might hear during a hurricane. Your composition should help the listener envision what it would be like to experience such a strong storm.

# **Judging Criteria**

Complete the problem thoroughly (meeting all criteria) using either multi-track drag-and-drop software or a traditional notation software. The judges will review the music on-screen in the software used. A recording will not be accepted without the on-screen view of the notation. Points will be awarded for

* meeting minimum requirements - 50%
* creativity and originality - 25%
* musicality (incorporation of musical elements for expression) - 25%

**Reminder: If your computer is password protected, leave your password. Judges cannot judge what they cannot see or hear.**

***Have fun and thanks for participating in the   
Great Computer Challenge, 2019!***

# **SOL Correlation**

1.9.4: The student will create music by composing simple rhythmic patterns, using traditional or nontraditional notation.

2.1.2,4,5: The student will read and notate music, including using the musical alphabet to notate melodic patterns, reading and notating rhythmic patterns that include half notes, half rests, whole notes, and whole rests; and using basic music symbols.

4.6.2-3 The student will create music by using a variety of sound sources; composing short melodic and rhythmic phrases within specified guidelines; and using contemporary media and technology.

5.6.2-3 The student will create music by composing a short original composition within specified guidelines; and using contemporary media and technology.

MIB.1.1, MII1.1 The student will echo, read, and notate music, including identifying, defining, and using basic standard notation for pitch, rhythm, meter, articulation, dynamics, and other elements of music.

MIB.8.2, MII.7.2, MIAD.7.2 The student will use music composition as a means of expression by notating the composition in standard notation, using contemporary technology.

MIB.9 The student will define and apply music terminology found in the music literature being studied.

MIAD.1.1 The student will read and notate music, including identifying, defining, and using advanced standard notation for pitch, rhythm, meter, articulation, dynamics, and other elements of music.