**The Great Computer Challenge, 2019**

***Music, Level IV***

# **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 two nontraditional sound sources, 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 in 4/4 and the key is your choice
4. Your piece must contain **all** of the following elements:

* Five different indications of dynamics, including one subito piano (*sp)* and one sforzando (*sf*)
* One or more instances of a tempo change
* At least three instances of unique syncopated rhythm, not counting repeats.

# **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.

HG.1.1-2,4: The student will read and notate music, including notating original musical ideas on the treble and bass staves; identifying and using the standard notation symbols for pitch, rhythm, dynamics, tempo, articulation, and expression; and using contemporary technology.

HG.2.1-2 The student will compose and arrange music within specified guidelines by incorporating appropriate voicings and ranges; and using a variety of sound, notational, and technological sources.

HG6.3. The student will explore historical and cultural aspects of music by identifying the relationship of music to the other fine arts and other fields of knowledge.

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

HIB.14 The student will use articulations, dynamic contrasts, and phrasing as means of expression.

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

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

HII.8 The student will define and apply music terminology found in the music literature being studied.