

Katharina S. G. Mueller

Maxima

for the North Ohio Youth Orchestra

Instrumentation

2 x Flutes (dbl. picc)	Timpani	1 x Harp
1 x Oboe	Percussion	
4 x Clarinet in Bb	Bass Drum	Violin I
1 x Bassoon	Snare Drum	Violin II
	Suspended Cymbal	Viola
4 x Horn in F	Triangle	Cello
1 x Trumpet in Bb	Mallet Percussion	Contrabass (no C ext.)
1 x Baritone	Glockenspiel	
1 x Tuba	Chimes (one octave)	

Performance Note

A few contrasting tempi recur throughout the piece: 72, 80, 96 and 112 bpm. Within those, there can be push and pull, for example the chorale at C and "flowing" at K can rise and fall a bit with the 2-bar phraselets. "Moving Forward" should be taken as an instruction to push tempo slightly, though not to accelerate all the way to the next tempo unless an accelerando is also marked. At all changes from 12/8 to 4/4 time, the dotted quarter equals the new quarter, or vice versa. As this piece is intended for a junior ensemble, solos can be reallocated to different instruments depending on the players available.

Duration: ca 7:00

Program Note

This piece is a hearkening back to the film soundtracks that hooked my musical ear long before I knew what composition was, and to the large, epic orchestral sounds I came to love when first delving into classical music. "Maxima", the plural of maximum, refers to the greatest, highest, or most intense points in a progression or mathematical function. These rising and falling shapes comprise the small and large structures of the piece, from waves of arpeggios to the mounting build-up of larger sections. The contrasting sections create a musical narrative just like scenes in a movie, or chapters in a story: a bold opening, a harrowing journey, and a celebratory finish. Unexpected harmonic progressions common in film music lead the listener's ear through defeated anticipations to surprise destinations.

Maxima

for the North Ohio Youth Orchestra

Katharina S. G. Mueller (2022)

$\text{♩} = 96$ Undaunted

Flute I + II

Oboe

Clarinet in B♭ I + II

Clarinet in B♭ III + IV

Bassoon

Horn in F I + III

Horn in F II + IV

Trumpet in B♭

Baritone

Tuba

Timpani

Percussion

Harp

Violin I

Violin II

Viola

Violoncello

Contrabass

$\text{♩} = 96$ Undaunted

G, Bb, B, D

Susp. Cym. w/ yarn mallet

⑤

⑥

⑦

⑧

Fl. I + II

Ob.

Cl. I + II

Cl. III + IV

Bsn.

Hn. I + III

Hn. II + IV

Tpt.

Bar.

Tba.

to G, B, C, D

Timp.

Bass Drum

Perc.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

pp mp p mf

pp mp pp mf

pp mp pp mf

pp mp pp mf

pp mp pp mf

pp mp pp mf

pp mf pp fp

pp fp pp fp

pp mf pp fp

pp p mf p

p mf p

[illegible]

[illegible]

Fl. I + II

Ob.

Cl. I + II

Cl. III + IV

Bsn.

26

27

28

Hn. I + III

Hn. II + IV

Tpt.

Bar.

Tba.

Hn. III

Hn. IV

Hn. I

Hn. II

Timp.

Perc.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

tutti

29

30

31

32

Fl. I + II

Ob.

Cl. I + II

Cl. III + IV

Bsn.

Hn. I + III

Hn. II + IV

Tpt.

Bar.

Tba.

Timp.

Perc.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

to G, A, C, D

Susp. Cym. w/ yarn mallet

Moving Forward **poco accel.**

Moving Forward **poco accel.**

Moving Forward **poco accel.**

Moving Forward **poco accel.**

Measures 34, 35, 36, 37, 38, 39, 40

Piccolo, Flute II, Oboe, Cl. I + II, Cl. III + IV, Bsn., Hn. I + III, Hn. II + IV, Tpt., Bar., Tba., Timp., Perc. (Triangle), Hp., Vln. I, Vln. II, Vla., Vc., Cb.

p, *mf*, *p*, *mp*, *f*, *mp*, *p*

11

E

♩ = 80 Mysterious

Flute II

Hn. I

Glockenspiel
hard plastic mallets

Violin I

Violin II

Viola

Violoncello

Contrabass

46

47

48
add Flute I

49

50

12

Fl.

Ob.

Cl. I + II

Cl. III + IV

Bsn.

Hn. I + III

Hn. II + IV

Tpt.

Bar.

Tba.

Timp.

Perc.

Glock.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

51

52

53

54

Fl.

Ob.

Cl. I + II

Cl. III + IV

Bsn.

Hn. I + III

Hn. II + IV

Tpt.

Bar.

Tba.

Timp.

Perc.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

55 56 57 59

Fl.

Ob.

Cl. I + II

Cl. III + IV

Bsn.

Hn. I + III

Hn. II + IV

Tpt.

Bar.

Tba.

Timp.

Perc.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

60616263

Fl.

Ob.

Cl. I + II

Cl. III + IV

Bsn.

Hn. I + III

Hn. II + IV

Tpt.

Bar.

Tba.

Timp.

Perc.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

64656667

Fl.

Ob.

Cl. I + II

Cl. III + IV

Bsn.

Hn. I + III

Hn. II + IV

Tpt.

Bar.

Tba.

Timp.

Perc.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

G Dark, Looming

This musical score is for measures 67-70 of 'The Swan' from Swan Lake. It features five staves: Flute (Fl.), Oboe (Ob.), Clarinets I and II (Cl. I + II), Clarinets III and IV (Cl. III + IV), and Bassoon (Bsn.). The key signature is B-flat major (two flats). The time signature is 4/4. The score includes dynamic markings such as *f* (forte) and *ff* (fortissimo). Measure numbers 67, 69, and 70 are indicated above the staves. The woodwinds play a melodic line, while the strings provide a harmonic accompaniment.

G Dark, Looming

[illegible]

G Dark, Looming

Timp.

Perc.

The image shows a musical score for two instruments: Timp. (Timpani) and Perc. (Percussion). The Timp. part is written on a single staff with a bass clef and a key signature of one flat (B-flat). It contains four measures of music. The first measure has a whole note G2. The second measure has a quarter note G2, a quarter rest, and an eighth note G2. The third measure has a quarter note G2, a quarter note G3, and a quarter note G3. The fourth measure has a quarter note G2, an eighth note G2, and an eighth note G2. The Perc. part is written on a single staff with a common time signature. It contains four measures of music, each with a single eighth note G2.

G Dark, Looming

Violin I

Violin II

Viola

Vcllo

Cb.

7273747518

Fl.

Ob.

Cl. I + II

Cl. III + IV

Bsn.

Hn. I + III

Hn. II + IV

Tpt.

Bar.

Tba.

Timp.

Perc.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

I Monstrous

80 81 83 84

Fl. *tr* *a2* *f*

Ob. *f* *ff*

Cl. I + II *f* *a2* *tr*

Cl. III + IV *f* *a2* *tr*

Bsn. *mp* *ff*

I Monstrous

Hn. I + III *mp* *ff*

Hn. II + IV *mp* *ff*

Tpt. *mp* *ff*

Bar. *mp* *ff*

Tba. *mp* *p* *ff*

I Monstrous

Timp. *ff* *ff* *fp* *ff*

Perc. *ff* *Bass Drum*

Hp.

I Monstrous

Vln. I *f* *f* *tr* *f*

Vln. II *f* *mp* *f* *tr* *f*

Vla. *f* *mp* *f* *tr* *f*

Vc. *f* *ff*

Cb. *f* *ff*

22

molto rit.

90 91 92 94 95

Fl. (tr)

Ob.

Cl. I + II (tr)

Cl. III + IV (tr)

Bsn.

Hn. I + III

Hn. II + IV

Tpt.

Bar.

Tba.

pp

molto rit.

J ♩ = 96 Subdued

pp

to A, B, C, E

pp

Perc.

Hp.

Vln. I (tr)

Vln. II (tr)

Vla. (tr)

Vc.

Cb.

pp

change bows as needed

p

This musical score page covers measures 103 through 108. The instrumentation includes Flute (Fl.), Oboe (Ob.), Clarinet I and II (Cl. I + II), Clarinet III and IV (Cl. III + IV), Bassoon (Bsn.), Horn I and III (Hn. I + III), Horn II and IV (Hn. II + IV), Trumpet (Tpt.), Baritone (Bar.), Tuba (Tba.), Timpani (Timp.), Percussion (Perc.), Harp (Hp.), Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Contrabass (Cb.).

Measure 103: Flute and Oboe are silent. Clarinet I and II play a half note G4. Clarinet III and IV, Bassoon, Horn I and III, Horn II and IV, Trumpet, Baritone, and Tuba are silent. Timpani and Percussion are silent. Harp is silent. Violin I and Violin II play a half note G4. Viola, Violoncello, and Contrabass play a half note G4.

Measure 104: Flute and Oboe are silent. Clarinet I and II play a half note A4. Clarinet III and IV, Bassoon, Horn I and III, Horn II and IV, Trumpet, Baritone, and Tuba are silent. Timpani and Percussion are silent. Harp is silent. Violin I and Violin II play a half note A4. Viola, Violoncello, and Contrabass play a half note A4.

Measure 105: Flute and Oboe are silent. Clarinet I and II play a half note B4. Clarinet III and IV, Bassoon, Horn I and III, Horn II and IV, Trumpet, Baritone, and Tuba are silent. Timpani and Percussion are silent. Harp is silent. Violin I and Violin II play a half note B4. Viola, Violoncello, and Contrabass play a half note B4.

Measure 106: Flute and Oboe are silent. Clarinet I and II play a half note C5. Clarinet III and IV, Bassoon, Horn I and III, Horn II and IV, Trumpet, Baritone, and Tuba are silent. Timpani and Percussion are silent. Harp is silent. Violin I and Violin II play a half note C5. Viola, Violoncello, and Contrabass play a half note C5.

Measure 107: Flute and Oboe are silent. Clarinet I and II play a half note D5. Clarinet III and IV, Bassoon, Horn I and III, Horn II and IV, Trumpet, Baritone, and Tuba are silent. Timpani and Percussion are silent. Harp is silent. Violin I and Violin II play a half note D5. Viola, Violoncello, and Contrabass play a half note D5.

Measure 108: Flute and Oboe are silent. Clarinet I and II play a half note E5. Clarinet III and IV, Bassoon, Horn I and III, Horn II and IV, Trumpet, Baritone, and Tuba are silent. Timpani and Percussion are silent. Harp is silent. Violin I and Violin II play a half note E5. Viola, Violoncello, and Contrabass play a half note E5.

Slowly Ascending, Moving Forward

109 110 111 112 113 114 115

Fl.

Ob.

Cl. I + II

Cl. III + IV

Bsn.

Cl. II

mp

Cl. IV

mp

Slowly Ascending, Moving Forward

Hn. I + III
 Hn. II + IV
 Tpt.
 Bar.
 Tba.

Slowly Ascending, Moving Forward

The musical score consists of four staves:

- Timpani (Timp.):** A single staff with a bass clef. It contains seven measures, each with a whole rest.
- Percussion (Perc.):** A single staff with a percussion clef. It contains seven measures. The first four measures each begin with a half note on the first line, followed by a bracketed instruction "Susp. Cym. w/ yarn mallet". The first measure is marked *pp* (pianissimo), and the fourth measure is marked *mp* (mezzo-piano). The last three measures each contain a whole rest.
- Glockenspiel (Glock.):** A single staff with a treble clef. It contains seven measures, each with a whole rest.
- Keyboard (Hp.):** A grand staff with both treble and bass clefs. It contains seven measures, each with whole rests in both hands.

Slowly Ascending, Moving Forward

Measures 116-121
 Tempo: **L** (Lento), $\text{♩} = 112$ Growing
 Dynamics: *mf*, *mp*, *pp*, *p*, *f*

Instrumentation:
 Fl., Ob., Cl. I + II, Cl. III + IV, Bsn., Hn. I + III, Hn. II + IV, Tpt., Bar., Tba., Timp., Perc., Glock., Hp., Vln. I, Vln. II, Vla., Vc., Cb.

Key Features:
 - Measures 116-117: Flute and Oboe parts are silent. Clarinets I+II and III+IV play a half-note melody in D major, marked *mf*.
 - Measure 118: Bassoon enters with a half-note melody in D major, marked *mp*.
 - Measure 119: Horns I+III and II+IV are silent. Trumpets and Trombones are silent. Timpani plays a rhythmic pattern marked *mp*.
 - Measure 120: Horns I+III and II+IV are silent. Trumpets and Trombones are silent. Timpani plays a rhythmic pattern marked *mp*.
 - Measure 121: Horns I+III and II+IV are silent. Trumpets and Trombones are silent. Timpani plays a rhythmic pattern marked *f*.

This musical score page contains measures 123 through 125. The instrumentation includes Flute (Fl.), Oboe (Ob.), Clarinet I and II (Cl. I + II), Clarinet III and IV (Cl. III + IV), Bassoon (Bsn.), Horn I and III (Hn. I + III), Horn II and IV (Hn. II + IV), Trumpet (Tpt.), Baritone (Bar.), Tuba (Tba.), Timpani (Timp.), Percussion (Perc.), Harp (Hp.), Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Contrabass (Cb.).

Measures 123 and 124 are marked with a '123' and '124' respectively, and measure 125 is marked with a '125'. The score includes various musical notations such as rests, notes, and dynamics. The percussion part features a snare drum pattern starting in measure 123, marked 'Snare (snare on)' and 'mp'. The harp part features a continuous arpeggiated pattern starting in measure 123, marked 'mp'. The violin I part features a continuous eighth-note pattern starting in measure 123, marked 'mp'. The viola part features a solo line starting in measure 124, marked 'Solo' and 'f'. The violoncello part features a solo line starting in measure 125, marked 'Solo' and 'f'. The contrabass part features a continuous eighth-note pattern starting in measure 123, marked 'mp'. The woodwind and brass parts are mostly at rest, with some dynamics like 'f' and 'p' indicated for the Horn I and III and Trumpet parts in measure 123.

This musical score covers measures 126 through 129. The instrumentation includes Flute (Fl.), Oboe (Ob.), Clarinets I & II (Cl. I + II), Clarinets III & IV (Cl. III + IV), Bassoon (Bsn.), Horns I & III (Hn. I + III), Horns II & IV (Hn. II + IV), Trumpet (Tpt.), Baritone (Bar.), Trombone (Tba.), Timpani (Timp.), Percussion (Perc.), Harp (Hp.), Violins I (Vln. I), Violins II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Contrabass (Cb.).

- Measure 126:** Most instruments are silent. Flute and Oboe have whole rests.
- Measure 127:** Clarinet I enters with a melodic phrase starting on G#4, moving up stepwise to B#4, then down to A#4. Dynamics range from *p* to *f*. Clarinets III & IV play a similar pattern an octave lower. Horn I & III play a sustained note on G#4. Trombone and Timpani play a rhythmic pattern of eighth notes. Percussion plays a steady eighth-note pulse. Harp has a continuous arpeggiated figure. Violins I and Cello/Double Bass play a walking bass line. Viola and Violins II play sustained notes.
- Measure 128:** Flute and Oboe enter with a rapid sixteenth-note scale starting on E5, marked "To Picc.". Dynamics are *f* then *p*. Clarinet I continues its melody. Horn I & III play a sustained note. Trombone and Timpani continue their patterns. Percussion is silent. Harp is silent. Violins I and Cello/Double Bass continue their walking bass line. Viola and Violins II play sustained notes.
- Measure 129:** Similar to measure 127, with various dynamics and articulations across the ensemble.

N

131132133

Picc.

Fl.

Ob.

Cl. I + II

Cl. III + IV

Bsn.

Piccolo

f

N

Hn. I + III

Hn. II + IV

Tpt.

Bar.

Tba.

N

Timp.

Perc.

Triangle

Glock.

Hp.

Glockenspiel w/ brass mallets

mf

mp

8^{vb}

To Chim.

N

Vln. I

Vln. II

Vla.

Vc.

Cb.

Musical score for measures 134-137. The score is written for a full orchestra and includes the following parts: Picc., Fl., Ob., Cl. I + II, Cl. III + IV, Bsn., Hn. I + III, Hn. II + IV, Tpt., Bar., Tba., Timp., Perc. (Snare (snare on)), Glock., Hp., Vln. I, Vln. II, Vla., Vc., and Cb. The key signature is one sharp (F#) and the time signature is 4/4. The score includes dynamic markings such as *mf*, *ff*, *fp*, *p*, and *pp*, as well as performance instructions like *rit.* (ritardando) and *Snare (snare on)*. The measures are numbered 134, 135, 136, and 137.

O ♩ = 80 Stately, Grand

(139)

(140)

(141)

Picc. *mf*

Fl. *mf*

Ob. *mf*

Cl. I + II *f*

Cl. III + IV *f*

Bsn. *f*

O ♩ = 80 Stately, Grand

Hn. I + III *f*

Hn. II + IV *f*

Tpt. *f*

Bar. *f*

Tba. *f*

O ♩ = 80 Stately, Grand

Timp. *fp* — *f* *fp* — *f*

Perc. *p* — *f* *p* — *f*

Glock. *f*

Hp.

O ♩ = 80 Stately, Grand

Vln. I *f*

Vln. II *f*

Vla. *f*

Vc. *f*

Cb. *f*

P Celebratory

142 143 144 145 147 148

Picc. Fl. Ob. Cl. I + II Cl. III + IV Bsn.

f *f* *f* *ff* *ff* *sfz* *sfz*

P Celebratory

Hn. I + III Hn. II + IV Tpt. Bar. Tba.

ff *ff* *ff* *sfz* *sfz* *sfz*

P Celebratory

Timp. Perc. Chim. Hp.

pp *ff* Chimes *ff*

P Celebratory

Vln. I Vln. II Vla. Vc. Cb.

ff *ff* *sfz* *sfz* *sfz* *mf* *ff* *sfz* *sfz* *sfz*

Picc. *f* 3 3 *sfz*
 Fl. *ff* 3 3
 Ob. *f* 3 3
 Cl. I + II *ff* 3 3
 Cl. III + IV *ff* 3 3
 Bsn. *sfz*
 Hn. I + III 3 3
 Hn. II + IV 3 3
 Tpt. 3 3
 Bar. *sfz*
 Tba. *sfz*
 Timp.
 Perc. Susp. Cym. w/ yarn mallet
 Chim. *f* Chimes
 Hp.
 Vln. I *mf* *ff* *mf* *f*
 Vln. II *mf* *ff* *mf* *f*
 Vla. *mf* *ff* *mf* *f*
 Vc. *sfz* *sfz*
 Cb. *sfz* *sfz*

[illegible]

156 157 158

Picc.

Fl.

Ob.

Cl. I + II

Cl. III + IV

Bsn.

Hn. I + III

Hn. II + IV

Tpt.

Bar.

Tba.

Timp.

Perc.

Chim.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

ff *mf* *ff* *ff*

Susp. Cym.

Nov. 4, 2022
Oberlin, OH