

JOHN MACKY

# Teeth of the Mechanism

Concert Band / 2025

Difficulty : Easy (Grade 3)

Commissioned by a consortium led by Cooper Middle School (VA)  
Matthew C. Baker, Director of Bands

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# Instrumentation

Piccolo (optional but preferred)

2 Flutes

Oboe

Bassoon

3 Clarinets

Bass Clarinet

2 Alto Saxes

Tenor Sax

Baritone Sax

3 Trumpets

2 Horns

3 Trombones (2 tenor, 1 bass if possible)

Euphonium

Tuba

Piano (optional but preferred)

7 Percussionists

Player 1: Timpani

Player 2: Marimba (optional but preferred, 5-octave if available)

Player 3: Vibraphone

Player 4: Tam-Tam

Player 5: Triangle & Tambourine

Player 6: 4 Tom-Toms

Player 7: Bass Drum

“Teeth of the Mechanism” was commissioned by Cooper Middle School (VA), Matthew C. Baker, Director of Bands, with additional generous funding provided by:

Appleton Area School District	Margaret LaFleur
Arab High School	Patrick Dailey
Basic Academy of International Studies	Cole Horton
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Brighton High School	Jeffrey Mayo
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Kawasaki University of Medical Welfare Wind Orchestra	Toshiya Iwata
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Toronto Youth Wind Orchestra  
University of Missouri School of Music  
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Williston High School  
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Kevin Kessler  
Robert Schwartz  
Jaclyn Franks  
Dean Markel  
Beryl Macleod  
Mark Anderson  
Martin Gaines  
John Bisbee  
Bradford Harris

## Performance notes

All notes with a staccato must be **extremely** short, regardless of the notated duration.

Trombone glissandi must last the fully-notated duration. (They must start immediately after the start of the note, and should be even, with no sustain of the starting pitch. For example, if there is a glissando on a half-note, the slide should be moving evenly for two full beats.)

The tam-tam part uses hard plastic mallets, standard tam-tam beaters, and something metal (such as the edge of a coin) that can be used to scrape the tam-tam. These scrapes always lead to a beat, and it is important that they reach the destination beat, not unlike a cymbal roll. This instrument also features many secco/choked strikes (indicated with a staccato mark), which must be choked as quickly as possible. If the player is unable to choke the standard tam-tam quickly enough – all that should be heard is the attack! – then a much smaller tam-tam or water gong may be substituted for those moments.

The piano (optional but preferred) uses a special “8vb” clef in the left hand, meaning that the notes should be played an octave lower than standard bass clef.

# Teeth of the Mechanism

for Matthew Baker

John Mackey

♩ = 90

Piccolo

Flute 1

Flute 2

Oboe

Bassoon

Clarinet 1 in B $\flat$

Clarinet 2 in B $\flat$

Clarinet 3 in B $\flat$

Bass Clarinet

Alto Sax 1

Alto Sax 2

Tenor Sax

Baritone Sax

Trumpet 1

Trumpet 2-3

Horn 1-2

Trombone 1

Trombone 2

Trombone 3/Bass

Euphonium

Tuba

Piano

Timpani

Marimba

Vibraphone

Tam-Tam

Triangle & Tambourine

4 Tom-Toms

Bass Drum

8

A

Picc.

Fl. 1

Fl. 2

Ob.

Bsn.

Clar. 1

Clar. 2

Clar. 3

Bs. Cl.

A. Sx. 1

A. Sx. 2

T. Sx.

B. Sx.

Tpt. 1

Tpt. 2-3

Horns

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Pno.

Timp.

Mrb.

Vib.

T.T.

Trg.

Toms

BD

*p*

*mp*

*pp*

*scrape with metal (like the edge of a spoon), arriving at next downbeat (the arrival is very important!)*

*scrape*

Triangle



15

B

Picc. *p* *mf*  
 Fl. 1 *mp* *mf*  
 Fl. 2 *mp* *mf*  
 Ob. *mp* *mf*  
 Bsn. *mp* *mf*  
 Clar. 1 *mp* *mf*  
 Clar. 2 *mp* *mf*  
 Clar. 3 *mp* *mf*  
 Bs. Cl. *mp* *mf*  
 A. Sx. 1 *mp* *mf*  
 A. Sx. 2 *mp* *mf*  
 T. Sx. *mp* *mf*  
 B. Sx. *mp* *mf*  
 Tpt. 1 *mp* *mf* *f* *p*  
 Tpt. 2-3 *mp* *mf* *f* *p*  
 Horns *mp* *mf*  
 Tbn. 1 *mp* *mf*  
 Tbn. 2 *mp* *mf*  
 Tbn. 3 *mp* *mf*  
 Euph. *mp* *mf*  
 Tuba *mp* *mf*  
 Pno. *mp* *mf*  
 Timp. *mf*  
 Mrb. *mf*  
 Vib. *mf*  
 T.T. *mp* *mf* *f* *mp* *mf* *p*  
 Trg. *mp* *mf* *p* *mf*  
 Toms *mp* *mf*  
 BD *mp*

con sord. - straight  
 con sord. - straight  
 scrape  
 scrape  
 scrape  
 hard plastic mallets

B  
 B  
 B  
 B

21

C D

Picc.  
Fl. 1  
Fl. 2  
Ob.  
Bsn.  
Clar. 1  
Clar. 2  
Clar. 3  
Bs. Cl.  
A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.  
Tpt. 1  
Tpt. 2-3  
Horns  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba  
Pno.  
Timp.  
Mrb.  
Vib.  
T.T.  
Trg.  
Toms  
BD

*pp*, *p*, *mf*, *mp < f*, *pp*, *pp*, *mf*, *p*

even glissando full duration from 1st position, as high as possible, to 7th position

scrape

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E

F

Picc.

Fl. 1

Fl. 2

Ob.

Bsn.

Clar. 1

Clar. 2

Clar. 3

Bs. Cl.

A. Sax. 1

A. Sax. 2

T. Sax.

B. Sax.

Tpt. 1

Tpt. 2-3

Horns

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Pno.

Timp.

Mrb.

Vib.

T. *hard plastic mallets (scrape with metal)* *hard plastic mallets* *standard tam-tam beaters*

Trg.

Toms

BD

*pp* *pp* *p* *pp* *pp* *pp* *mp* *mf* *f* *p* *pp*

36

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Picc. *mf* *p*  
 Fl. 1 *poco a poco cresc.*  
 Fl. 2 *poco a poco cresc.*  
 Ob. *poco a poco cresc.*  
 Bsn. *poco a poco cresc.* *mf* *mp* *mf* *mp*  
 Clar. 1 *mf* *p*  
 Clar. 2 *mf* *p*  
 Clar. 3 *mf* *mp* *mf* *mp*  
 Bs. Cl. *mf* *mp* *mf* *mp*  
 A. Sx. 1 *p* *mf* *p* *mf*  
 A. Sx. 2 *mf* *p* *mf*  
 T. Sx. *poco a poco cresc.*  
 B. Sx. *mf* *mp* *mf* *mp*  
 Tpt. 1 *p* *mf*  
 Tpt. 2-3 *p* *mf*  
 Horns *poco a poco cresc.*  
 Tbn. 1 *mp*  
 Tbn. 2 *mp*  
 Tbn. 3 *mp*  
 Euph. *mp*  
 Tuba *mp*  
 Pno. *mf* *mp*  
 Timp.  
 Mrb. *mf* *mp*  
 Vib. *mf* *mp*  
 T. hard plastic mallets  
 Tambourine *pp*  
 Trg. *pp* *p*  
 Toms  
 BD

43

G

This page contains a musical score for measures 43 through 48. The score is for a large orchestra and woodwind section. The instruments listed on the left are Piccolo (Picc.), Flute 1 (Fl. 1), Flute 2 (Fl. 2), Oboe (Ob.), Bassoon (Bsn.), Clarinet 1 (Clar. 1), Clarinet 2 (Clar. 2), Clarinet 3 (Clar. 3), Bass Clarinet (Bs. Cl.), Alto Saxophone 1 (A. Sx. 1), Alto Saxophone 2 (A. Sx. 2), Tenor Saxophone (T. Sx.), Bass Saxophone (B. Sx.), Trumpet 1 (Tpt. 1), Trumpets 2-3 (Tpt. 2-3), Horns, Trombone 1 (Tbn. 1), Trombone 2 (Tbn. 2), Trombone 3 (Tbn. 3), Euphonium (Euph.), Tuba, Piano (Pno.), Timpani (Timp.), Maracas (Mrb.), Vibraphone (Vib.), Tom-tom (T. T.), Tambores (Tamb.), and Bongos (BD). The score features complex rhythmic patterns with frequent changes between 3/4 and 4/4 time signatures. Dynamic markings include *mp* (mezzo-piano), *f* (forte), *mf* (mezzo-forte), *p* (piano), and *senza sord.* (without mutes). Performance instructions such as *poco a poco cresc.* (gradually increasing) are used throughout. A 'G' time signature is present at the top left and middle left of the page.

Picc. *ff*  
 Fl. 1 *f*  
 Fl. 2 *f*  
 Ob. *f*  
 Bsn. *f*  
 Clar. 1 *f*  
 Clar. 2 *f*  
 Clar. 3 *f*  
 Bs. Cl. *f*  
 A. Sx. 1 *f*  
 A. Sx. 2 *f*  
 T. Sx. *f*  
 B. Sx. *f*  
 Tpt. 1 *f*  
 Tpt. 2-3 *f*  
 Horns *f*  
 Tbn. 1 *mf < f* *ff* *bell up! (seriously)*  
 Tbn. 2 *mf < f* *ff* *bell up! (seriously)*  
 Tbn. 3 *mf < f* *ff* *bell up! (seriously)*  
 Euph. *f* *ff*  
 Tuba *f* *ff*  
 Pno. *ff*  
 Timp. *f*  
 Mrb. *ff*  
 Vib. *ff*  
 Tr. *mf* *ff* *standard tam-tam beater, choke immediately*  
 Tamb. *f* *ff*  
 Toms *mf* *f* *mf* *f* *ff*  
 BD *mf*

56

I

Picc.  
 Fl. 1  
 Fl. 2  
 Ob.  
 Bsn.  
 Clar. 1  
 Clar. 2  
 Clar. 3  
 Bs. Cl.  
 A. Sx. 1  
 A. Sx. 2  
 T. Sx.  
 B. Sx.  
 Tpt. 1  
 Tpt. 2-3  
 Horns  
 Tbn. 1  
 Tbn. 2  
 Tbn. 3  
 Euph.  
 Tuba  
 Pno.  
 Timp.  
 Mrb.  
 Vib.  
 T. 1  
 Tamb.  
 Toms  
 BD

4/4  
 ff  
 f  
 ff  
 dampen all drum immediately  
 deadstick  
 ff

63

J

K

Picc. *fp* *f*

Fl. 1 *fp* *f*

Fl. 2 *fp* *f*

Ob. *fp* *f*

Bsn. *fp* *f*

Clar. 1 *fp* *f*

Clar. 2 *fp* *f*

Clar. 3 *fp* *f*

Bs. Cl. *fp* *f*

A. Sx. 1 *fp* *f* *ff*

A. Sx. 2 *fp* *f* *ff*

T. Sx. *fp* *f*

B. Sx. *fp* *f* *ff*

2/4 4/4 3/4 4/4

J

K

Tpt. 1 *fp* *f*

Tpt. 2-3 *fp* *f*

Horns *fp* *f*

Tbn. 1 *fp* *ff*

Tbn. 2 *fp* *ff*

Tbn. 3 *fp* *ff*

Euph. *fp* *ff*

Tuba *fp* *ff*

Pno. *fp* *ff*

2/4 4/4 3/4 4/4

J

K

Timp. *fp* *ff*

Mrb. *f* *ff*

Vib. *f* *ff*

T. *mp* *f* *ff* *choke*

Tamb. *mp* *ff* *f* *ff*

Toms *f* *ff*

BD *mf* *fp* *f*

2/4 4/4 3/4 4/4



70

L

L

L

Picc. *cresc.* *ff*  
 Fl. 1 *cresc.* *ff*  
 Fl. 2 *cresc.* *ff*  
 Ob. *cresc.* *ff*  
 Bsn. *cresc.* *ff*  
 Clar. 1 *cresc.*  
 Clar. 2 *cresc.*  
 Clar. 3 *cresc.*  
 Bs. Cl. *cresc.*  
 A. Sx. 1 *f* *cresc.* *ff*  
 A. Sx. 2 *f* *cresc.* *ff*  
 T. Sx. *ff*  
 B. Sx. *ff*  
 Tpt. 1 *ff*  
 Tpt. 2-3 *ff*  
 Horns  
 Tbn. 1  
 Tbn. 2  
 Tbn. 3  
 Euph.  
 Tuba  
 Pno.  
 Timp. *choke*  
 Mrb.  
 Vib.  
 T.T.  
 Tamb. *mf* *ff*  
 Toms  
 BD *ff*

75

Picc.  
 Fl. 1  
 Fl. 2  
 Ob.  
 Bsn.  
 Clar. 1  
 Clar. 2  
 Clar. 3  
 Bs. Cl.  
 A. Sax. 1  
 A. Sax. 2  
 T. Sax.  
 B. Sax.  
 Tpt. 1  
 Tpt. 2-3  
 Horns  
 Tbn. 1  
 Tbn. 2  
 Tbn. 3  
 Euph.  
 Tuba  
 Pno.  
 Timp.  
 Mrb.  
 Vib.  
 T.  
 Tamb.  
 Toms  
 BD

*ff*  
*ff*  
*ff*  
*ff*  
*ff*