

Shattering Stars



for Concert Band

JONI GREENE

SHATTERING STARS

FOR CONCERT BAND

James Webb Space Telescope Series

JONI GREENE

I N S T R U M E N T A T I O N

Flute 1

Flute 2

Oboe (optional)

Bassoon (optional)

B $\flat$ Clarinet 1

B $\flat$ Clarinet 2

B $\flat$ Bass Clarinet

E $\flat$ Alto Saxophone 1

E $\flat$ Alto Saxophone 2

B $\flat$ Tenor Saxophone

E $\flat$ Baritone Saxophone

B $\flat$ Trumpet 1

B $\flat$ Trumpet 2

F Horn

Trombone

Euphonium B.C.

Euphonium T.C.

Tuba

Timpani (3 drums)

Percussion 1

Glockenspiel

Percussion 2

*Vibraphone (and/or Marimba & Piano)

Chimes (*shared with Percussion 3*)

Percussion 3

Xylophone

Chimes (*shared with Percussion 2*)

Percussion 4

Bass Drum

Triangle

Percussion 5

Small Triangle

Suspended Cymbal

Temple Blocks

Grade 2

Duration = 3.00



Commissioned by:

The Next Music Project, 2023

Antioch School District 34, Antioch, IL, Chris Bajek
Arbor Park Middle School, Oak Forest, IL, JJ Novak
Arizona School for the Arts, Phoenix, AZ, Thomas Breadon
Blackhawk Middle School, Bensenville, IL, William Winters
Coal City Intermediate School, Coal City, IL, Andrew Brimm
Creeside Middle School, Woodstock, IL, Amanda Storer
Dundee Middle School, West Dundee, IL, Michael Kasper
Falcon Ridge Middle School, Apple Valley, MN, Patrick Bents
East Middle School, Shakopee, MN, Carrie Beckler
Hadley Junior High School, Glen Ellyn, IL, Samantha Tribely
Hauser Junior High School, Riverside, IL, James Colombo
Hinsdale Middle School, Hinsdale, IL, Meghan Fulton
Holton Public Schools, Holton, KS, Jayme Molsom
Lombard School District 44, Lombard, IL, Chris Prohaska
Marlowe Middle School, Huntley, IL, Anthony Camarda
Mount Vernon Middle School, Mount Vernon, IA, Elise Rodenberg
North Prairie Junior High School, Winthrop Harbor, IL, Deirdre Cook
Oak Prairie Junior High School, Homer Glen, IL, William Rank
Oregon Middle School, Oregon, WI, Katie Seiter
Ottawa Elementary School District, Ottawa, IL, Becky Weiler
Sam Rotolo Middle School, Batavia, IL, Rob Buckley
State University of New York Potsdam, Potsdam, NY, Brian Doyle
Traugher Junior High School, Oswego, IL, Rachel Maxwell
University of Southern Mississippi, Hattiesburg, MS, Eric Scott
Van Meter Middle School, Van Meter, IA, Kyle Pape

Program Notes

S*hattering Stars* is part of my “James Webb Space Telescope Series” which features music based on images from the most advanced space observatory, the James Webb Space Telescope (JWST). Orbiting 1 million miles from Earth, the JWST far surpasses previous telescopes such as *Hubble*. *Shattering Stars* is a journey through the lens of JWST towards the youngest supernova ever observed in our galaxy. At only 11, 000 light-years from Earth, Cassiopeia A, contains supernova materials of stardust and heavy elements.*

In order to present a soundscape illustrative of the process of a supernova, *Shattering Stars* explores instrumental color and light. As a composer with synesthesia, I see light and color when I hear sound creating a compositional process I call *organized color*. While it is common for middle school works to feature singable melodies and a hierarchy of ensemble section roles, *Shattering Stars* uses small melodic cells that build upon each other and pass through the concert band. Everyone has an equal role to play as the idea of shooting light from afar comes closer into view. As players progress through the work, light intensity is portrayed through the stacking of short rhythmic and melodic ideas. As described by NASA, the JWST captures “mottled filaments of bright pink studded with clumps and knots within the supernova.” In *Shattering Stars* each instrument creates a unique color which when combined with a four-note repeating 16th note pattern, illustrates the idea of chasing light, which finally explodes, shattering its star by the final measure.

What are some science questions that Cassiopeia may help answer?

Where does cosmic dust come from? Observations have found that even very young galaxies in the early universe are suffused with massive quantities of dust. It’s difficult to explain the origins of this dust without invoking supernovae, which spew large quantities of heavy elements (the building blocks of dust) across space.

Supernovae like the one that formed Cassiopeia A are crucial for life as we know it. They spread elements like the calcium we find in our bones and the iron in our blood across interstellar space, seeding new generations of stars and planets.

*Information on Cassiopeia A found at www.nasa.gov

Commissioned by the Next Music Project

Shattering Stars

for Concert Band

Joni Greene

Pulled by Light ♩ = c. 92

1 2 3 4 5 6

1 Flute *mf* Fl. 1 *optional solo

2 Oboe *mf*

Bassoon *p* *mf* *p*

1 B♭ Clarinet *mf* Fl. 1 *optional solo

2 Bass Clarinet *p* *mf* *p* Fl. 1 *optional solo

1 E♭ Alto Sax *mf*

2 B♭ Tenor Sax *p* *mf* *p*

E♭ Baritone Sax *p* *mf* *p*

1 B♭ Trumpet

2 insert mute

French Horn *optional solo *mf*

Trombone *p* *mf* *p*

Euphonium *p* *mf* *p*

Tuba *p* *mf* *p*

Timpani II: B♭ III: E♭ IV: F *p* *mp* *p*

Glockenspiel

Vibraphone/ Marimba/ Piano (Vibes) *p* *mp* Always pedal and lift frequently.

Xylophone

Bass Drum

Percussion 5 Small Triangle *mp* *pp* *mp*

*See performance notes.

Shattering Stars

7 8 (tutti) 9 10 11 12

1 Fl. *mf* *mp*

2 Fl. *mf* *mp*

Ob. *mp*

Bsn. *mf* *p* *mf* *p*

1 Bb Cl. *mf* *mp*

2 Bb Cl. *mf* *p*

B. Cl. *mf* *p*

1 Eb A. Sax *mp*

2 Eb A. Sax *mp* *p*

Bb T. Sax *mf* *p* *mf* *p*

Eb Bar. Sax *mf* *p* *mf* *p*

1 Bb Tpt. (open) *mp*

2 Bb Tpt. cup mute *mf* remove mute *p* open *p*

F. Hn. (tutti) *mp* *mf* *p*

Tbn. *mf* *p* *mf* *p*

Euph. *mf* *p* *mf* *p*

Tba. *mf* *p* *mf* *p* *mp*

Timp. *p* *mf*

Glock.

Vib./Mba/
Pno. *8va*

Xyl. *8va* *p*

B. Dr.

Perc. 5 (Triangle) *pp* *mf*

13 14 15 16

1 Fl. *mf* *p sub.* *mf*

2 Fl. *mf* *p sub.* *mf*

Ob. *p* *mf*

Bsn. *mp* *p sub. < mp* *p* *fp* *fp* *fp*

1 Bb Cl. *p* *mf*

2 Bb Cl. *mp* *p sub.* *mp p sub.* *mf*

B. Cl. *mp* *p sub. < mp* *p* *fp* *fp* *fp*

1 Eb A. Sax *p* *mf* *fp* *fp* *fp*

2 Eb A. Sax *mp* *p sub.* *mf* *fp* *fp* *fp*

Bb T. Sax *mp* *p sub. < mp* *p* *fp* *fp* *fp*

Eb Bar. Sax *mp* *p sub.* *fp* *fp*

1 Bb Tpt *p < mf* *fp* *fp*

2 Bb Tpt *mp* *p < mp* *fp* *fp* insert mute

F. Hn *mp* *p sub.* *mp p sub.* *fp* *fp* *fp*

Tbn. *mp* *p sub. < mp* *p* *fp* *fp* *fp*

Euph. *mp* *p sub. < mp* *p* *fp* *fp* *fp*

Tba *p sub.* *f* *fp*

Timp.

Glock. *p < mp*

Vib./Mba/
Pno *8va* *mp* *mf*

Xyl. *p < mp*

B. Dr. To Temple Blocks

Perc. 5

Shattering Stars

17 18 19 20

Fl. 1 *mp*

Fl. 2 *mf*

Ob. *p* *mp* *mf*

Bsn. *fp* *fp*

Bb Cl. 1 *p* *mp* *mf*

Bb Cl. 2 *p* *fp* *mf*

B. Cl. *fp* *fp*

E♭ A. Sax 1 *fp* *mp sub.* *mf* *mf*

E♭ A. Sax 2 *fp* *mp sub.* *mf* *mf*

B♭ T. Sax *fp* *fp*

E♭ Bar. Sax *fp* *fp*

Bb Tpt 1 *fp* *(p)* *fp* *mf* *insert mute*

Bb Tpt 2 *mf* *cup mute* *f* *mf* *f*

F. Hn *fp* *fp* *p* *mp*

Tbn. *fp* *fp* *p* *mp*

Euph. *fp* *fp* *p* *mp*

Tba *fp* *fp*

Timp.

Glock. *mp*

Vib./Mba/ Pno *mf*

Xyl. *mp*

B. Dr.

Perc. 5 Temple Blocks *p* *mp* *p*

Shattering Stars

[illegible]

25 26 27 28 29 30 31 32 33

1 Fl. *f* *mp* *f* *p*

2 Fl. *f* *mp* *f* *p*

Ob. *f* *mp* *mf* *p*

Bsn. *mf* *p* *mf* *mp sub.* *f* *p*

1 Bb Cl. *mf* *p* *mf* *mp sub.* *f*

2 Bb Cl. *mf* *p* *mf* *mp* *f* *p*

B. Cl. *mf* *p* *mf* *mp sub.* *f* *p*

1 Eb A. Sax *p* *mf* *p*

2 Eb A. Sax *p* *mf* *p*

Bb T. Sax *mf* *p* *mf* *mp sub.* *mf* *p*

Eb Bar. Sax *mf* *p* *mf* *mp sub.* *mf* *p*

1 Bb Tpt. remove mute open *mp* *mf* *p*

2 Bb Tpt. remove mute open *p* *mf* *p*

F. Hn. *mf* *p* *mf* *mp sub.* *f* *p*

Tbn. *mf* *p* *mf* *mp sub.* *f* *p*

Euph. *mf* *p* *mf* *mp sub.* *f* *p*

Tba. *mf* *p* *mf* *mp sub.* *f* *p*

Timp. *p* *mf* *p* *mf*

Glock. *p* *f*

Vib/Mba/Pno. *f* To Chimes

Chimes *ff* Chimes Xylophone (D) *p* *mp*

B. Dr. *pp*

Perc. 5 Suspended Cymbal *p* *mf* *pp*

34 35 36 37

1 Fl. *mp* *mp* *mf* *f* *mf*

2 Fl. *mp* *mp* *mf* *f* *mf*

Ob. *mp* *p* *mp* *f* *mp sub.* *mf*

Bsn. *p* *mp* *mp* *f* *mp sub.* *mf*

1 Bb Cl. *mf* *p* *mp* *f* *mp sub.* *mf*

2 Bb Cl. *p* *mp* *mp* *f* *mp sub.* *mf*

B. Cl. *p* *mp* *mp* *f* *mp sub.* *mf*

1 Eb A. Sax *p* *mp* *mp* *f* *mp sub.* *mf*

2 Eb A. Sax *p* *mp* *mp* *f* *mp sub.* *mf*

Bb T. Sax *p* *mp* *mp* *f* *mp sub.* *mf*

Eb Bar. Sax *p* *mp sub.* *mp sub.* *mf* *mp sub.* *mf*

1 Bb Tpt *p* *mp* *mp* *f* *mp sub.* *mf*

2 Bb Tpt *p* *mp* *mp* *f* *mp sub.* *mf*

F. Hn *p* *mp* *mp* *f* *mp sub.* *mf*

Tbn. *p* *mp* *mp* *f* *mp sub.* *mf*

Euph. *p* *mp* *mp* *f* *mp sub.* *mf*

Tba *p* *mp sub.* *mp sub.* *f* *mp sub.* *mf*

Timp. *p* *mp* *mp* *f* *mp sub.* *mf*

Glock. *p* *mp* *mp* *f* *mp sub.* *mf*

Chimes *mf* *mp* *mp* *f* *mp sub.* *mf*

Xyl. *p* *mp* *mp* *f* *mp sub.* *mf*

Tri. To Triangle *p* *mp* *mp* *f* *mp sub.* *mf*

Perc. 5 (Sus. Cym.) *p* *mp* *mp* *f* *mp sub.* *mf*

38 39 40 rit. 41 42 ♩ = 66 43

1 Fl. *f* *ff*

2 Fl. *f* *ff*

Ob. *mf* *f* *ff*

Bsn. *f* *ff*

1 Bb Cl. *f* *ff*

2 Bb Cl. *mf* *f* *ff*

B. Cl. *f* *ff*

1 Eb A. Sax *p* *mp* *mf* *f* *ff*

2 Eb A. Sax *p* *mp* *f* *ff*

Bb T. Sax *mf* *f* *ff*

Eb Bar. Sax *f* *ff*

1 Bb Tpt *p* *mf* *f* *ff*

2 Bb Tpt *f* *ff*

F. Hn *f* *ff*

Tbn. *f* *ff*

Euph. *f* *ff*

Tba *f* *ff*

Timp. *f* *ff*

Glock. *mf*

Chimes

Xyl. *mf*

Tri.

Perc. 5

Shattering Stars

9

44 $\text{♩} = 92$ 45 46 47 48 49 50 51

1 *mp* *p* *mf*

Fl. 2 *mp* *p* *mf*

Ob. *mp* *p* *mp* *mf*

Bsn. *mp* *mf*

1 *mp* *p* *mp* *p* *mf*

Bb Cl. 2 *mp* *p* *mf*

B. Cl. *mp* *mf*

1 *mp* *p* *mf*

E♭ A. Sax 2 *mp* *mf*

B♭ T. Sax *mp* F. Hn. *(p)* *mf*

E♭ Bar. Sax *mp* *mf*

1 *mp* *p* *mf*

Bb Tpt. 2 *mp* *p* *mf*

F. Hn. *mp* *(p)* *p* *mf*

Tbn. *mp* *p* *mf*

Euph. *mp* *mf*

Tba.

Timp.

Glock. *mp*

Vib./Mba/ Pno. *mf* *8va*

Xyl. *mp* *8va*

Tri.

Perc. 5

52 53 54 55 56

1 Fl.

2 Fl.

Ob.

Bsn.

1 Bb Cl.

2 Bb Cl.

B. Cl.

1 Eb A. Sax

2 Eb A. Sax

Bb T. Sax

Eb Bar. Sax

1 Bb Tpt

2 Bb Tpt

F. Hn

Tbn.

Euph.

Tba.

Timp.

Glock.

Vib./Mba/Pno

Xyl.

Tri.

Perc. 5

p *mf* *f* *mf* *fp* *f* *ff* *mp* *f*

57 58 59 60

1 Fl. *ff*

2 Fl. *ff*

Ob. *f*

Bsn. *f* *fp* *f*

1 Bb Cl. *f*

2 Bb Cl. *fp* *f*

B. Cl. *f* *fp* *f*

1 Eb A. Sax *f* *fp* *f*

2 Eb A. Sax *f* *fp* *f*

Bb T. Sax *f* *fp* *f*

Eb Bar. Sax *f* *fp* *f*

1 Bb Tpt *f* *(f)*

2 Bb Tpt *f*

F. Hn *f* *fp* *f*

Tbn. *f* *fp* *f*

Euph. *f* *fp* *f*

Tba

Timp.

Glock. *mf* *mf*

Vib./Mba/ Pno

Xyl. *mf*

Tri. *(f)*

Perc. 5

[illegible]

66 67 68

1 Fl.

2 Fl.

Ob.

Bsn.

1 Bb Cl.

2 Bb Cl.

B. Cl.

1 Eb A. Sax

2 Eb A. Sax

Bb T. Sax

Eb Bar. Sax

1 Bb Tpt

2 Bb Tpt

F. Hn

Tbn.

Euph.

Tba

Timp.

Glock.

Vib./Mba/
Pno

Xyl.

Tri.

Perc. 5

(Sus. Cym.)

f *mp* *ff* *ff* *ff* *mp*