

Stuart Greenbaum

Symphony No.2 *'Double Planet'*

for chamber orchestra
2010



Overview

This symphony is scored for a chamber orchestra of 20 players, cast in 4 movements:

i.	<i>Preview #1</i>	2'
ii.	<i>Double Planet</i>	8'
iii.	<i>Preview #</i>	1'
iv.	<i>Day and Night</i>	4'

The work is concerned with miniaturisation, self-similarity and transformation. The shorter preview movements are 'fast-forward' representations of the two longer movements which themselves respond to pictures by the Dutch graphic artist, M.C. Escher whose work in general addresses these issues.

Peer-talk: in the space below, make notes on anything interesting you hear. These can be about instruments and techniques, influences, the composer etc. Below are some questions to consider.

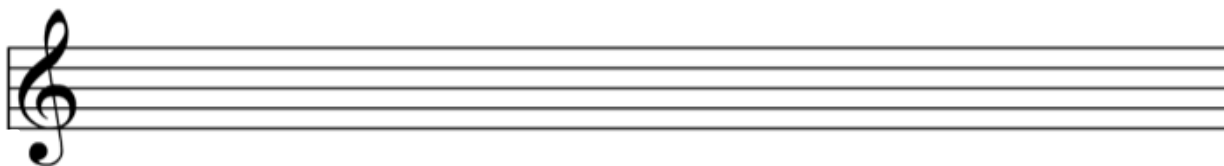
- Which musical styles influence the composer?
- Which instruments can you hear, what is their role?
- Can you hear and identify any instrumental techniques?
- What was the main inspiration for the piece?

Wk2A**Activity:** Score reading **Preview #1** (*Perspective 2 - b.12-31*)

Using the sheet provided, Identify, notate and map the duration (rhythmic groupings, time signatures) and pitch (modal, fundamental tones) of *Perspective 2* (b.12-31). The first 2 bars have been done for you.

Wk2B**Composing with Modes**

Use the Sibelius template to compose a 5 bar melody in a compound time signature (3/8, 6/8, 9/8 or 12/8) using the Algerian mode. Use the manuscript below to write out the Algerian mode as reference. The Sibelius template can be found in the online **Activities** page.



A bridge

B perspective 2

picc.

ob.

cl.

bsn.

tp.

trb.1

trb.2

perc.1

perc.2

perc.3

hrp.

A bridge

B perspective 2

vin.1

vin.2

vin.3

vin.4

vla.1

vla.2

vc.1

vc.2

db.

10

11

12

13

14

15

picc. ob. cl. bsn. tpt. tbn.1 tbn.2 perc.1 perc.2 perc.3 hrp. vln.1 vln.2 vln.3 vln.4 vla.1 vla.2 vc.1 vc.2 d.b.

16 17 18 19 20

The musical score is arranged in a system of staves. Measures 16-20 are shown. The instruments are: picc., ob., cl., bsn., tpt., tbn.1, tbn.2, perc.1, perc.2, perc.3, hrp., vln.1, vln.2, vln.3, vln.4, vla.1, vla.2, vc.1, vc.2, and d.b. The key signature is one flat (Bb). The time signature is 4/4. The score includes various musical notations such as rests, notes, and accidentals. The harp part has specific notes marked: F# in measure 16, C# in measure 17, Bb in measure 18, and F# in measure 19. The voice part (vc.1) has a long note in measure 18. The percussion part (perc.3) has a note in measure 20 marked with 'n'.

C

picc. *p*

ob.

cl.

bsn. *p*

tpi.

tbn.1

tbn.2

perc.1 *crotales*

perc.2 *L R L R L R* *sim.* *p* *mf* *p*

perc.3 *p*

hrp.

C

vin.1

vin.2

vin.3

vin.4

vla.1

vla.2

vc.1

vc.2

d.b. *pizz* *pp* *mp* *pp*

21 22 23 24 25

GRT • 150

D bridge

picc. *mf*
 ob. *p* *mf*
 cl. *mf*
 bsn. *p* *mf*
 tpt.
 tbn.1
 tbn.2
 perc.1
 perc.2 *mf*
 perc.3 *n* *p*
 hrp.
 D bridge
 vin.1 *f*
 vin.2 *f*
 vin.3 *f*
 vin.4 *f*
 via.1 *f*
 via.2 *f*
 vc.1 *ord.* *f*
 vc.2 *f*
 d.b. *f*
 26 *pp* 27 28 *mf* 29 30 31

Wk3A

Activity: Using the string section part (b.4-19), notate a reduction of the motive on the manuscript below. Pay attention to the Viola part alto clef.

How does this compare to the opening theme in *Preview #1* (b.1) and the Harp motive in *Double Planet* (b.23-24)

***Preview #1* – Flute motive (b.1)**



***Double Planet* – Harp motive (b.23-24)**



II. Double Planet String Part (b.4-19)

♩=60

Violin 1

Violin 2

Violin 3

Violin 4

Viola 1

Viola 2

Cello 1

Cello 2

Double Bass

Piano

n

mp

mf

♩=60

The musical score is for a string ensemble and piano. The tempo is marked as ♩=60. The key signature has one flat (B-flat). The time signature changes from 3/4 to 2/4 and back to 3/4. The string parts feature a melodic line with dynamics ranging from piano (n) to mezzo-forte (mf). The Piano part provides harmonic support with chords in the right hand and a bass line in the left hand.

Wk3A

- What is significant about the Cor Anglais solo melody in *Double Planet* (Perspective 2 & 4)? How do they relate?

Perspective 2 (b.24-29)

Cor Anglais

Perspective 4 (b.110-115)

Cor Anglais

- Identify and describe using graphic notation any unfamiliar instrumental techniques.

- What role do the bridge sections have? Concept focus: **Tone Colour**

- What is significant about the tempo and time signature of *Double Planet* in comparison to *Preview #1*?

Wk3B – Double Planet ‘Perspective 1 & 5’ (Duration, Texture, Pitch)

- Identify the role of the Flugelhorn and String section. How are they related?
- What is significant about the Flugelhorn theme in *Perspective 5*?

Make reference to bar numbers in your answer.

Activity: Compose harmony using *Humberstone’s four-fingered technique*® to accompany your 5 bar melody from Wk2B. The harmony you create must use notes only from the Algerian mode.

Use the space below to reflect on your composition.

II: Double Planet

mysterious, $\text{♩} = 60$
perspective 1

flute

cor anglais

clarinet in B $\flat$

contrabassoon

flugelhorn
solo
mp

trombone 1

trombone 2

percussion 1

percussion 2

percussion 3

harp

violin 1

violin 2
non vib.
n — *mp*

violin 3
non vib.
n — *mp*

violin 4
non vib.
n — *mp*

viola 1

viola 2

cello 1

cello 2

double bass

$\text{♩} = \text{♩}$ (always)

1 2 3 4 5 6 7 8

Q perspective 5

fl.

c.a.

cl.

c.bsn.

flghn.
mp

tpn.1

tpn.2

perc.1

perc.2

perc.3

hrp.

(Gtr)-----

Q perspective 5

vin.1

vin.2
non vib.
n

vin.3

vin.4
non vib.
n

vla.1
non vib.
n

vla.2
mp

vc.1

vc.2

d.b.

148 149 150 151 152 153 154

Question 1 (6 marks)

Time:

First playing	–	short pause
Second playing	–	30 second pause
Third playing	–	1 minute pause
Fourth playing	–	2 minute pause
Fifth playing	–	2 minute pause

Describe the structure of this excerpt with reference to the use of musical material.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Question 1 (continued)

This image shows a full page of blank white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for writing or drawing. There are no margins, text, or other markings present.

End of Question 1

Wk4B – Practice HSC Questions**Question 2 (8 marks)**

An excerpt (1 minute 30 seconds) from *Double Planet* from *Symphony No.2* by Stuart Greenbaum *will* be played FIVE times for you to answer Question 2.

Time: First playing – short pause
 Second playing – 30 second pause
 Third playing – 1 minute pause
 Fourth playing – 2 minute pause
 Fifth playing – 2 minute pause

Describe the texture of this excerpt with reference to specific sound sources.

In your response, refer to at least one other concept of music.

Question 2 (continued)

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

10

Wk5B – Symphony No.2 - III Preview #2

The woodwind section below is taken from b.7-8 of *Preview #2*. Create a piano reduction on the score provided.

The musical score shows five staves. The top four staves are for woodwinds: Piccolo, Oboe, Clarinet in Bb, and Bassoon. The fifth staff is for Keyboard Reduction. The key signature has one sharp (F#) and the time signature is 9/4. A rehearsal mark '8' is placed above the first measure of the woodwind staves. The woodwind parts feature complex rhythmic patterns with eighth and sixteenth notes, often beamed together. The Piccolo part starts with a whole note F#4. The Oboe, Clarinet, and Bassoon parts have more intricate melodic lines. The Keyboard Reduction staff is empty, intended for the student's piano reduction.

How do these chords relate to Greenbaum's harmonic sequence?

What role do the strings have in this section? Describe the overall texture:

Identify the relationship between **Duration**, **Tone Colour** and **Texture** in these songs and compare to ***Day and Night***, focus on the triplet groove.

[illegible]

H

GRT • 150

[illegible]

GRT • 150

J

fl. *mf* *fp* *mf* 3 3 3

c.a. *mf* *fp* *mf* 3 3 3

cl. *mf* *fp* *mf* 3 3 3

c.bsn. *mp* *fp* *mf* 3 3 3

flghn. *mf* plunger mute

trn.1 *mf* gliss. gliss. gliss.

trn.2 *mf* gliss. gliss.

perc.1 timpani mallets *mp* gliss.

perc.2

perc.3

hrp. *mf* E^b

J

vn.1

vn.2

vn.3

vn.4

via.1

via.2

vc.1 arco *mf* arco

vc.2 *mf* arco

d.b. *mf* 63 64 65 66 67 68 69