





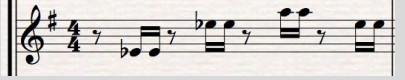
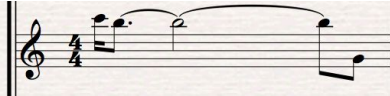

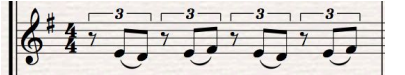
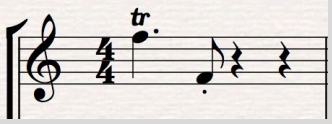




**Newton's Second Law** (2nd movement **score**)








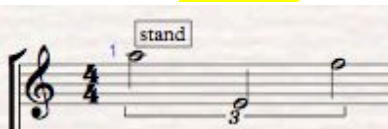

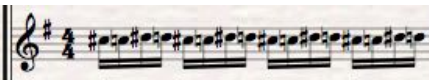

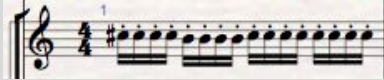

To begin, it will be helpful to think of this more like instructions on how to play a musical game rather than a piece of music. When playing this game, a piece of music will result, but the product will be different every time.








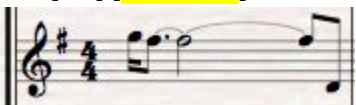




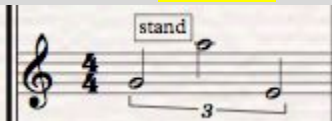
There are four sections (Sections A - D) and each section is timed at 1 minute. During a performance, the conductor's only job will be to give the time cues:

<b>Section A</b>	<b>Section B</b>	There are 11 musical examples for <u>each</u> section. The musical examples from Section A and D are the same ([A1]=[D1]). That means, there are a total of 33 unique examples, <u>but they are all extremely similar</u> .
0:00 start	1:00	
0:50 (10 second warning)	1:50 (10 second warning)	Begin rehearsing by going through each musical example and asking whoever has that example to play it (example [A1], [A2], all the way to [D11])--even though [A] examples are the same as [D] examples, it is still good to go through Section D because different groups have different examples in Section D than in Section A). Ignore the dynamic markings for now. This will help familiarize the players with all the examples, and it will help them tie a sound to the examples they see on their page.
0:55 (5 second warning)	1:50 (10 second warning)	
<b>Section C</b>	<b>Section D</b>	Next, it is time to rehearsal the improvisatory call and response that is the basis for this piece. The four soloists each have a musical example they can play "at their leisure". If the band members hear a specific musical example, then they have to play the 'responding' example detailed in their part. The soloists also each have one musical example they are listening for from the band for <u>each</u> section--if they hear this example, they must play the additional example listed on their part.  Start with section A. Ask the soprano soloist to play example [A1]. Have group 1 respond with [A2], followed by the alto with [A3]. Repeat this multiple times and have the players explore timing and tempo. Players may alter (improvise) the examples as long as the initial integrity of the example is still recognizable to the other players.  Once you feel the players have a good grasp on going through the sections, ask them to then pay attention to the dynamic markings and follow those as well as everything else. You may alter the dynamic markings as you wish for different effects, but the whole band must agree and mark the changes in their parts. [[[Writing into parts]]]]
2:00	3:00	
2:50 (10 second warning)	3:50 (10 second warning)	
2:55 (5 second warning)	3:55 (5 second warning)	
	4:00 end	

Section A						
	soprano [A1] <b>[at leisure]</b> 	→	Group 1 clarinet 2 alto sax trumpet 1 horn 2 trombone 2 wood blocks bells	[A2 in Bb] 	→	alto [A3]  ↓
	tenor [A6]  ↓	←	Group 2 flute 2 bass clarinet bassoon horn 3 trombone 1 snare drum bass drum	[A5 in Bb] 	←	alto [A4] <b>[at leisure]</b> 
	tenor [A7] <b>[at leisure]</b> 	→	Group 3 flute 1 clarinet 1 tenor sax baritone sax horn 4 tuba chimes marimba	[A8 in Bb] 	→	bari [A9]  ↓
	soprano [A1] 	←	Group 4 piccolo oboe clarinet 3 trumpet 2 horn 1 euphonium cymbals	[A11 in Bb] 	←	bari [A10] <b>[at leisure]</b> 

Section B					
	→	<b>Group 6</b> oboe bassoon wood blocks bells marimba chimes cymbals snare drum bass drum		→	
	←	<b>Group 7</b> horn 1 horn 2 horn 3 horn 4		←	
	→	<b>Group 8</b> trumpet 1 trumpet 2 trombone 1 trombone 2 euphonium tuba		→	
	←	<b>Group 5</b> piccolo flute 1 flute 2 clarinet 1 clarinet 2 clarinet 3 bass clarinet alto sax tenor sax bari sax		←	

Section C						
	tenor [C1] [at leisure] 	→	Group 11 bassoon tenor sax bari sax trumpet 2 horn 3 horn 4 wood blocks	[C2 in Bb] 	→	bari [C3]  ↓
	soprano [C6]  ↓	←	Group 12 bass clarinet trombone 1 trombone 2 euphonium tuba marimba snare drum bass drum	[C5 in Bb] 	←	bari [C4] [at leisure] 
	soprano [C7] [at leisure] 	→	Group 9 piccolo flute 1 flute 2 oboe clarinet 1 clarinet 2 bells	[C8 in Bb] 	→	alto [C9]  ↓
	tenor [C1] 	←	Group 10 clarinet 3 alto sax trumpet 1 horn 1 horn 2 chimes cymbals	[C11 in Bb] 	←	alto [C10] [at leisure] 

Section D					
	bari [D1] [at leisure] 	→	Group 1 clarinet 2 alto sax trumpet 1 horn 2 trombone 2 wood blocks bells [D2 in Bb] 	→	soprano [D3]  ↓
	alto [D6]  ↓	←	Group 4 piccolo oboe clarinet 3 trumpet 2 horn 1 euphonium cymbals [D5 in Bb] 	←	soprano [D4] [at leisure] 
	alto [D7] [at leisure] 	→	Group 3 flute 1 clarinet 1 tenor sax baritone sax horn 4 tuba chimes marimba [D8 in Bb] 	→	tenor [D9]  ↓
	bari [D1] 	←	Group 2 flute 2 bass clarinet bassoon horn 3 trombone 1 snare drum bass drum [D11 in Bb] 	←	tenor [D10] [at leisure] 

score - 2nd law **6**