

Bowing Curves Study

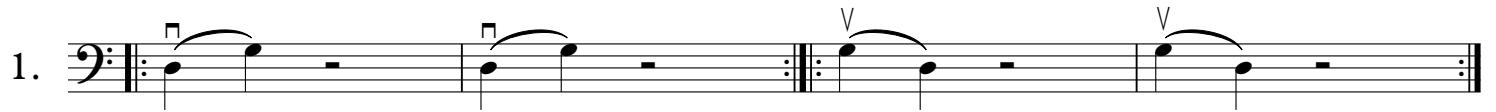
*Adapted from the work of Percival Hodgson,
David Moore, and George Vance*

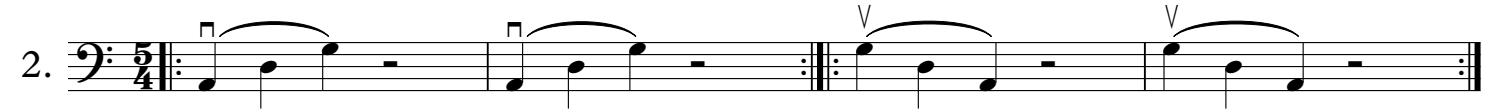
- Play with a resonant, quality tone.
- Fluidly draw bow perpendicular to the string.
- Alternatively observe the trajectory of your hand, elbow, and shoulders.
- Smaller curves can be executed from primarily the wrist and fingers (particularly French bow).

1. Forward curves

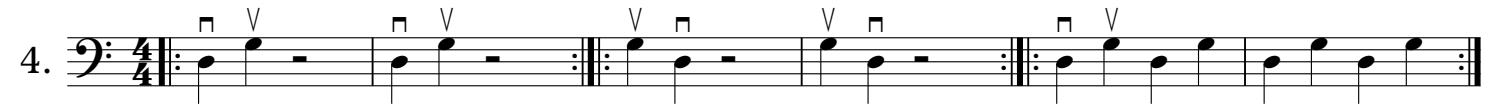
The musical score consists of nine numbered exercises (1 through 9) for bassoon or cello. Each exercise is set in 4/4 time with a bass clef. The exercises are arranged vertically, each occupying approximately one-third of the page. Each exercise begins with a measure of rest followed by four measures of music. The music features various bowing techniques indicated by different symbols above the notes: a square with a diagonal line for forward curves, a square with a circle for loops, a vertical stroke for vertical strokes, and a horizontal stroke for horizontal strokes. Measures are separated by vertical bar lines, and sections are separated by double bar lines with repeat dots. Measure numbers are placed above the first note of each measure. The exercises progress from simple forward curves in exercise 1 to more complex patterns involving loops and multiple strokes in exercises 2 through 6. Exercises 7, 8, and 9 introduce changes in key signature (to A major with 4 sharps) and feature sixteenth-note patterns grouped by three or five underlines.

2. Reverse curves

1. 

2. 

3. 

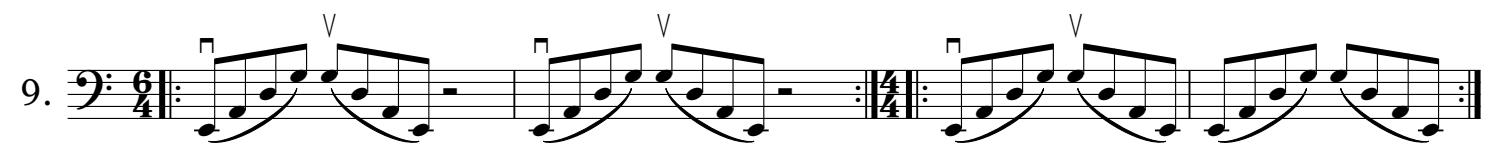
4. 

5. 

6. 

7. 

8. 

9. 

3. Figure-8 Patterns

1.

Bass clef, 6/4 time signature. The pattern consists of two measures of eighth-note pairs connected by horizontal beams, followed by a measure of eighth notes, a repeat sign, and another measure of eighth notes. The pattern repeats.

2.

Bass clef, 6/4 time signature. The pattern consists of two measures of eighth-note pairs connected by horizontal beams, followed by a measure of eighth notes, a repeat sign, and another measure of eighth notes. The pattern repeats.

4. Wave Patterns

1.

Bass clef, 6/4 time signature. The pattern consists of two measures of eighth-note pairs connected by horizontal beams, followed by a measure of eighth notes, a repeat sign, and another measure of eighth notes. The pattern repeats.

2.

Bass clef, 6/4 time signature. The pattern consists of two measures of sixteenth-note pairs connected by horizontal beams, followed by a measure of eighth notes, a repeat sign, and another measure of eighth notes. The pattern repeats.

3.

Bass clef, 6/4 time signature. The pattern consists of two measures of sixteenth-note pairs connected by horizontal beams, followed by a measure of eighth notes, a repeat sign, and another measure of eighth notes. The pattern repeats.

4.

Bass clef, 6/4 time signature. The pattern consists of two measures of sixteenth-note pairs connected by horizontal beams, followed by a measure of eighth notes, a repeat sign, and another measure of eighth notes. The pattern repeats.