

STRING INSTRUMENT MEASUREMENT AND SIZING GUIDE

Violin

With the student's left arm fully extended and palm facing up, measure from the left side of the neck to the center of the palm.

| <u>SIZE</u> | <u>ARM LENGTH (IN INCHES)</u> |
|-------------|-------------------------------|
| 1/16 | 14"-15.5" |
| 1/10 | 15.5"-17" |
| 1/8 | 17"-18.5" |
| 1/4 | 18.5"-20.5" |
| 1/2 | 20.5"-22.25" |
| 3/4 | 22.25"-24" |
| 4/4 | 24" OR MORE |

Viola

With the student's left arm fully extended and palm facing up, measure from the left side of the neck to the center of the palm.

| <u>SIZE</u> | <u>ARM LENGTH (IN INCHES)</u> |
|-------------|-------------------------------|
| 1/4 (12") | 20"-21.5" |
| 1/2 (13") | 21.5"-23" |
| 3/4 (14") | 23"-24.5" |
| 4/4 (15") | 24.5"-25" |
| 4/4 (15.5") | 25"-25.5" |
| 4/4 (16") | 25"-26" |

Cello

Cellos are most accurately sized with the instrument. However, you can achieve a very close approximation using the following three measurements.

1. The height of the player
2. The distance from the shoulder socket to the tip of the middle finger on the left arm
3. The distance between the tip of the index finger and the tip of the pinky on the left hand

| SIZE | HEIGHT (FEET AND INCHES) |
|------|--------------------------|
| 1/8 | 3'-3'6" |
| 1/4 | 3'6"-4' |
| 1/2 | 4'-4'6" |
| 3/4 | 4'6"-5' |
| 4/4 | 5' AND UP |

| SIZE | FINGER SPAN (IN INCHES) |
|------|-------------------------|
| 1/8 | 2"-3" |
| 1/4 | 3"-4" |
| 1/2 | 4"-5" |
| 3/4 | 5"-6" |
| 4/4 | 6" AND UP |

| SIZE | ARM LENGTH (IN INCHES) |
|------|------------------------|
| 1/8 | 16"-18" |
| 1/4 | 18"-20" |
| 1/2 | 20"-22" |
| 3/4 | 22"-24" |
| 4/4 | 24" AND UP |

Bass

Basses, like cellos are most accurately sized with the instrument. The best reference for measurement without an instrument is the student's height.

| SIZE | HEIGHT (FEET AND INCHES) |
|------|--------------------------|
| 1/4 | 4'-4'6" |
| 1/2 | 4'6"-5'6" |
| 3/4 | 5' AND UP |