## Ergonomic Seating Height



## Chair Height

Sitting Popliteal: To provide correct ergonomic seating, the child should be sitting comfortably with feet flat on the floor and knees bent at a right angle. To measure for this - take the measurement from the floor - to the bend behind the child's knee.

Not all people the same age are the same height. The measurements below are a general guideline. The range should fit most all children in the age group. 20\% will be a the low end and high end of the range.

- 1 year olds -5" to 7"
- 2 year olds- 7 " to $11^{\prime \prime}$
- 3 year olds $-8^{\prime \prime}$ to $11^{\prime \prime}$
- 4 and 5 year olds - $9^{\prime \prime}$ to $13^{\prime \prime}$
- 6 year olds $-10^{\prime \prime}$ to14"
- 7 year olds $-11^{\prime \prime}$ to $15^{\prime \prime}$
- 8 year olds $-12^{\prime \prime}$ to $16^{\prime \prime}$
- 9 year olds $-13^{\prime \prime}$ to 16 "
- 10 and 11 year olds - $14^{\prime \prime}$ to $17^{\prime \prime}$
- 12 and older - $16^{\prime \prime}$ to $18^{\prime \prime}$


## Table Clearance

Table Clearance is the height from the top of the leg to the bottom of the table. Usually, tabletops are 8 inches from the top of a child's thigh (might be slightly less for toddlers). When deciding on a table height, you should take into consideration the child's overall size and build. For example, a child with a short waist will be more comfortable at a shorter table in relation to his or her chair height.

- 7" chair - 14 " table
- $8^{\prime \prime}$ chair - 16 " table
- 9" chair - 17" table
- 10 " chair -18 " table
- 11" chair - 19 " table
- 12 " chair -20 " table
- 13" chair - 21 " table
- $14^{\prime \prime}$ chair $-22^{\prime \prime}$ table
- $15^{\prime \prime}$ chair -23 to $25^{\prime \prime}$ table
- $16^{\prime \prime}$ chair -24 to $26^{\prime \prime}$ table
- $18^{\prime \prime}$ chair $-26^{\prime \prime}$ to $30^{\prime \prime}$ table

