

## Human Muscle Models-Selected Muscles PIN Biology Lab

-Ziser 2004

	Life Size Torso	Head Sagit- tal	Child torso	Full half size	Full mini female	Mini 3/4 size leg	Mini 3/4 size arm
<b>Head and Neck Muscles</b>							
<i>Facial Expression</i>							
frontalis		24		14	2		
orbicularis oris		35	5	20	8		
orbicularis oculi		29	2	10,16	7		
<i>Mastication</i>							
masseter	shown	42	7	23	9		
buccinator		37	6	22			
platysma							
temporalis	shown	28		15	3		
<i>Head Movements</i>							
sternocleidomastoid	shown	43	8	28	13		
<b>Muscles on the Trunk</b>							
<i>Move Pectoral Girdle</i>							
rhomboideus				4,5			
serratus anterior	shown		22	19	18		
<i>Move Upper Arm</i>							
pectoralis major	shown		20	18	17		
deltoid			19	3	39		6
trapezius			18	1	35		
latissimus dorsi				2	shown		
<i>Body Wall</i>							
external oblique	shown		23	26	19		
internal oblique	shown			29	26		
transverse abdominis	shown			31	25		
rectus abdominis	shown		24	28	20		
external intercostals	shown			13			
internal intercostals	shown		21	22	22		
diaphragm	shown		42	41	24		
<b>Muscles on the Upper Limb</b>							
<i>Move Forearm</i>							
biceps brachii				9	40		7
brachialis				10	41		8
triceps brachii				12	48,49		10-12
<i>Move Hand &amp; Fingers</i>							
brachioradialis				13	42		13
flexor digitorum				20,21			20,21
extensor carpi radialis				14,15	43,44		14,15
extensor digitorum				24	47		24
palmaris longus				18	52		18

	<b>Child torso</b>	<b>Full half size</b>	<b>Full mini female</b>	<b>Mini 3/4 size leg</b>
<b>Muscles on the Lower Limb</b>				
<i><b>Move Thigh</b></i>				
gluteus maximus		1	63	1
adductor longus		16	62	14
gracilis		15	61	13
sartorius	26	9	59	8
tensor fascia latae	25	8	54	7
<i><b>Move Lower Leg</b></i>				
biceps femoris		21	64	18
semitendinosus		19	65	16
semimembranosus		20	66	17
rectus femoris		13	57	12
vastus medialis		11	58	10
vastus lateralis		12	56	11
<i><b>Move Foot</b></i>				
gastrocnemius		26	67	24,25
soleus		27	69	27
tibialis anterior		22	73	20
peroneus longus		24	70	22
extensor digitorum		23	72	21