**LINKS – MUSCULAR SYSTEM**

Crash Course: Hank Green (Muscular System): <https://www.youtube.com/watch?v=jqy0i1KXUO4>

The three types of muscles (Khan Academy): <https://www.youtube.com/watch?v=bwOE1MEginA>

Anatomy of the muscle (does through Epimysium, perimysium, fascicles etc). VERY GOOD: <https://www.youtube.com/watch?v=L-_MvjcH0xk>

3 Types of muscles, internal anatomy of the muscle (and the functions). (Does have bad background noise): <https://www.youtube.com/watch?v=FfFBoIkdDgQ>

Neuromuscular Junction, Sacromere and muscle contraction ANIMATION: <https://www.youtube.com/watch?v=BMT4PtXRCVA>

Cross Bridge formation and Cycle – Animation: <https://www.youtube.com/watch?v=Ct8AbZn_A8A>

Sliding Filament Model (good animation, terrible voice over!): <https://www.youtube.com/watch?v=0kFmbrRJq4w>

**LINKS - SKELETAL SYSTEM:**

Crash Course: Hank Green (Skeletal System): <https://www.youtube.com/watch?v=RW46rQKWa-g>

Structure of the bone: <https://www.youtube.com/watch?v=inqWoakkiTc>

Osteoblasts and Osteoclasts: <https://www.youtube.com/watch?v=78RBpWSOl08>

Osteoporosis:

 <https://www.youtube.com/watch?v=jRSy_XGSGDI>

<https://www.youtube.com/watch?v=4b-2nAX_v4E>

<https://www.youtube.com/watch?v=pJQwDdy62OU>

<https://www.youtube.com/watch?v=c5tc01WFYks> (post menopausal osteoporosis)

Osteoarthritis (explained simply): <https://www.youtube.com/watch?v=TczAeuc3J4E>

3 types of cartilage (Khan Academy) <https://www.youtube.com/watch?v=N3g3poXeqaY>

Cartilage: 3 types (shoes simple microscope differences) <https://www.youtube.com/watch?v=yL_vdJ_uzUY>