**Physics Friday at the Movies**

**Quiz for day 1:** (4:28) <https://www.youtube.com/watch?v=gAowZqRVo0o>

**Safety using tools:**

De Walt big drill: (0:36) <https://www.youtube.com/watch?v=f_IqnoLAhDk>

De Walt Nail Gun : (0:30) <https://www.youtube.com/watch?v=D1oXrg10Vv0>

**Gravity mishaps:**

Model falls twice: (1:10) <http://www.ionaphysics.org/movies/ModelFallsTwice.mp4>

Mom with cake (0:41) <https://www.youtube.com/watch?v=3PHM6ea1dOs>

Bunch of models fall: (6:45) –watch girl in red dress and guy in black <http://www.ionaphysics.org/movies/ModelFailsCompilation.mp4>

**Miscalculations:**

Tow in bike jump fail: (0:24) <https://www.youtube.com/watch?v=Wt8zaypNTcY>

51 Best kid fails (2:22) <https://www.youtube.com/watch?v=BJYCp8I9qUs>

**Bird in the wrong place at the wrong time** [https://www.youtube.com/watch?v=qwpRHrAh3](https://www.youtube.com/watch?v=qwpRHrAh3pk)

**Elevator Mishaps:**

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

**Sports Bloopers**

(9:13) <https://www.youtube.com/watch?v=f6Q_Y1Wr1qE>

**Drones:**

Drone delivery systems (1:26)

<http://online.wsj.com/articles/google-reveals-delivery-drone-project-1409274480>

Tiny RC drones <https://www.youtube.com/watch?v=8cJv4O2zEOw>

**Darwin Awards** (3:05) <https://www.youtube.com/watch?v=Lc5DNhMxYvk>

**Electric Fence:** (5:19) <http://www.ionaphysics.org/movies/BrainiacElectricFence.mp4>

**Helium orchestra:** (3:19) <https://www.youtube.com/watch?v=bunF0-ObdpQ>

**Feynman:**

Math and Physics (9:48) <https://www.youtube.com/watch?v=obCjODeoLVw>

Game of Chess: (2:48) <https://www.youtube.com/watch?v=o1dgrvlWML4>

Don’t like it, so somewhere else (1:14) <https://www.youtube.com/watch?v=iMDTcMD6pOw>

Knowing vs understanding (Oakum’s razor)(5:36) <https://www.youtube.com/watch?v=NM-zWTU7X-k>

Myan rules (8:04) <https://www.youtube.com/watch?v=6TI1M3abAM8>

Feynman electricity (9:36) <https://www.youtube.com/watch?v=kS25vitrZ6g>

Feynman Magnetism: (7:32) <https://www.youtube.com/watch?v=MO0r930Sn_8>

Engineerguy

Transistor <https://www.youtube.com/watch?v=RdYHljZi7ys>

Digital Watch <https://www.youtube.com/watch?v=1pM6uD8nePo>

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