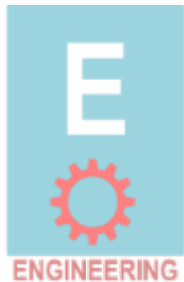


STEM/STEAM & The Movies Engineering



| ENGINEERING | FILM(S) REFERENCED | CONCEPTS |
|--|--------------------------|---|
| Lights, Camera, Engineers | Avengers, Pearl Harbor | hydraulics, CG |
| The Arrrt of Engineering | Pirates of the Caribbean | fluid animation |
| An Engineer's Dream Comes True: Working on Avatar (page 9) | Avatar | 3D |
| The Science & Engineering of Sound (video) | | Vibration, compression, rarefaction, amplitude, frequency, longitudinal wave, harmonic content, logarithmic scale, decibel, dynamics, microphones |