**Section 16-3 Electric Fields and Vander Graaff Online resources**

**Good app to let you see how the field and mass affects the movement of a particle**

[**https://phet.colorado.edu/en/simulation/efield**](https://phet.colorado.edu/en/simulation/efield)

Great Efield Fet (works 11/17/15)

<https://phet.colorado.edu/sims/charges-and-fields/charges-and-fields_en.html>

Shows field lines, voltages, lets you add + and minus charges

And move a field detector

**Vander Graff Short video** of generator near a **grounding sphere**

(works 11/17/15)

good, Watch it, about 2 minutes!

What happens at different distances and why?

What happens if they touch?

<http://education.jlab.org/frost/big_spark_little_spark.html>

Great video and explanation of how a Vander Graff Generator works (Good!!)

(works 11/17/15)

<http://virlab.virginia.edu/VL/VDG.htm/state/0>

<https://phet.colorado.edu/en/simulation/legacy/electric-hockey>

Electric field hockey