Earthquakes and Plate Tectonics

www.iris.edu/ieb

Exercise: http://www.iris.edu/hq/resource/african_mystery
How do earthquakes provide evidence of plate tectonics?

• With a partner, choose a type of plate boundary:
  – Divergent
  – Convergent
  – Transform

• Using the “Show plates” option, select 1-2 boundaries of that type
  – Explore the earthquakes in map and 3D view
  – What features of the earthquake distribution provide evidence for your plate boundary type?

• Find someone who examined a different type of plate boundary and compare what you each found