**URBAN MINING (BBC Horizons)**

***Before you watch make sure you understand the following words and phrases.***

landfill

diluted acid

hydrochloric acid

periodic table

to dismantle

to shred

to extract metals

an alloy

to dilute

to scale up production

solid

to precipitate

oxalic acid solution

***Watch the video and answer the questions.***

1. What are rare earths?
2. Which devices could rare earths be recovered from?
3. Why is it important to re-use them?
4. How do they extract these rare earths?
5. How many rare earth elements are there?
6. Is the new method of extracting the metals cost-effective?
7. What are they doing to scale up the extraction process?
8. How much of the rare earths can they recover with this process?

***Discuss:*** What exactly is urban mining? Can you give some other examples?