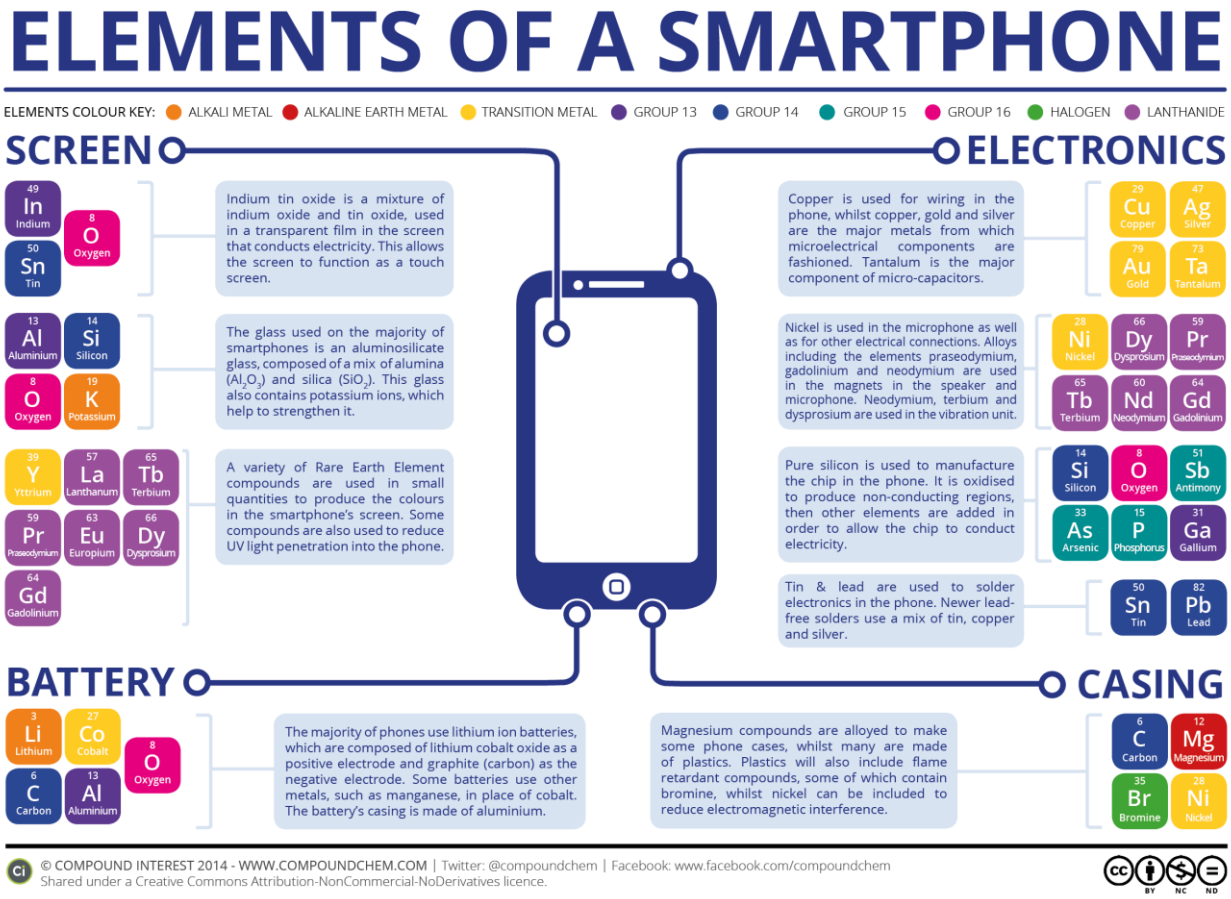
# MUSTERKIDS®

## Student Worksheet: Fairphone Case study

### Thought starter



Step 1: Read about the Fairphone roadmaps and complete the table below.
Mining Roadmap
Manufacturing Roadmap
Design Roadmap
Reuse and Recycling Roadmap

List how Fairphone are improving each stage of the mobile phone life-cycle.

| | |
|---|---|
| Mining | Design |
| Manufacturing | Reuse and Recycling |

Step 2. Begin brainstorming with your group about how you would promote the Fairphone and the principles it represents. Use either bubbl.us or mindmeister to record your brainstorming and other research resources listed below:
OECD Due Diligence Guidance: For Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas
Mobile Phone Industry Initiatives to Reduce the use of Coltan
Precious Materials 101
Conflict-Free Tin Initiative
Mobile Phone Life Cycles: Use, Take-back, Reuse and Recycle

Step 3. Once you've completed your brainstorming, it's time to design your own sustainable smart phone. You can create a presentation, blog or infographic to support your design. Your presentation should include:

- A name that reflects the values of the Smartphone
- An outline of what it does
- The strengths of the sustainable phone
- How the product relates to improving the mobile phone life cycle
- Supporting images and diagrams to highlight the product

You will also need to be prepared to present your ideas to the class, with each group member talking about their role in creating their Smartphone of the future and how their product contributes to a more sustainable world.