



UNDERSTANDING MULTIPLE BENEFITS

STARTER (5 mins)

Think of an example of something in nature that has multiple benefits. Share this with a partner.

OBJECTIVE

Understand that human products can have multiple benefits.

KEY COMPETENCIES

- Using imagination
- Communicating ideas
- Analysing information
- Reflecting & Evaluating

GADGET ACTIVITY (25 mins)

Collect 3 gadgets. (If there are no gadgets available use the gadget photos).

Make a list of the benefits of each gadget.

Present the list of benefits to the class. Can anyone suggest any benefits that have not been mentioned?

People used to have computers for internet, email and word processing; cameras for taking photos; telephones for making calls; computer games for playing games; CD players/radios for listening to music; newspapers for getting news; calculators for adding up; GPS units for navigating. Now people have one gadget that does everything.

Use the checklist to investigate whether these gadgets truly have multiple benefits as seen in nature.



MB1 Gadget photos
MB2 Gadget checklist





UNDERSTAND

WHICH PHONE ACTIVITY (10 mins)

Which phone has the greatest number of benefits?
Consult the comparison list to see which features each phone has.

Use the checklist to investigate whether these gadgets truly have multiple benefits as seen in nature.

CURRICULUM LINKS

Design & Technology

- Examine the intended purpose of existing products
- Identify opportunities for developing new and innovative products
- Consider user needs and issues

MB3 Phone information

MB4 Phone checklist



REFLECTION (5 mins)*

You should now have a greater understanding of how gadgets with Multiple Benefits can be beneficial. Add notes to the Reflection sheet and chart your progress on the Learning wall.

Visit the Share page of www.lessonsfromnature.org to comment on the activities you have taken part in.

Explore how this Multiple Benefits insight can be used when developing products in the future.

