

MAKER Connect: Make a Digital Accessory

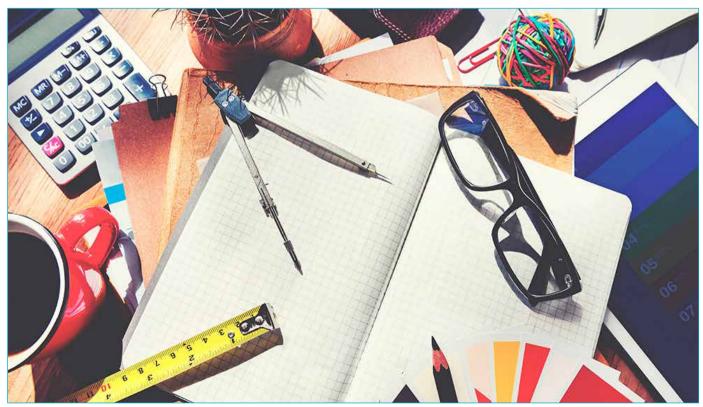
People use mobile technology every day. They make telephone calls, text, surf the web, play games, watch movies, and play music.

Look at the pictures below.

- · What can you see?
- · What problems can you see?
- Can you make something to help?







Student Worksheet: Make a Digital Accessory

Name(s):	Date:	Record as much
Find a Problem		as you can through sketches, photos and notes.
What problems can you see in the pictures? Pick one problem	and describe it below.	
Brainstorm <i>Individual work</i> : Now that you have found a problem, take three	minutes to come up with ideas for	Use LEGO bricks and
solving it. Be prepared to share your ideas with your group.		sketches to explore your ideas.
		Semetimes simple
		Sometimes simple ideas are the best ideas.

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Group work: Share and discuss your ideas for solving the problem.

Choose the Best Idea

You should have come up with a number of ideas. Now choose the best one to make.

Write down three things your design must be able to do:

1			
2.			

3. ______

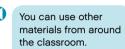


Three things your

design must do. Example:

Go MAKE

It is time to start making. Use parts from the LEGO® set to make your chosen idea. Test your design as you go and record any changes that you make.



Evaluate What You Have Made

Have you solved the problem that you found at the start of the lesson? Look back at the things you said your design must be able to do.

How well does your solution work? Suggest three things you could do better.

1			
2			



Present Your Model

Now that you have finished, make a sketch or take a photo of your model, label the three most important parts, and explain how they work. You are now ready to present your model to the class.

Print your photos and attach all of your work to a legal size sheet of paper or card stock.

Well done! What will you make next?

