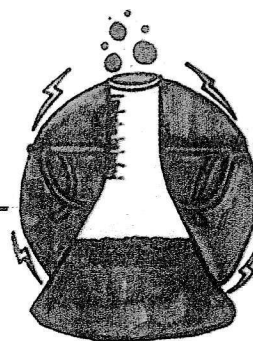


# Full STEAM ahead for better education

## Lesson plan

### STEM in Münster: Teaching STEAM with music and art



## Title: GarageBand – First steps

Aim	Working with software that contains a lot of possibilities to create, record and edit songs and share music.
Tools I need	Enough iPads for a group of pupils (3-4 in one group), GarageBand (Software), several rooms or headphones, internet access
Preparations	Check of the iPads, the software and the access, pupils got a first look at the program to learn how to start it and try the handling
What to do	<ul style="list-style-type: none"> <li>• Building groups of 4 pupils, each group gets 2 iPads</li> <li>• Provide sufficient time to try out special effects</li> <li>• Step by step explaining how to chose instruments, how to record and how to build up a little song groupwise</li> <li>• Support</li> <li>• time to present the results and talk about their way of working together</li> </ul>
What I get / results	First little songs created by each group that can be presented to the whole class

## The STEAM approach:

<b>S</b>	Search	Searching for sounds that the pupils want to use for their own song.
<b>T</b>	Think	Thinking about the way to picture the ideas that they have.

<b>E</b>	Experience	Making the experience of working with a media sound program and having the possibility of creating a song with different “instruments” that they normally don’t use.
<b>A</b>	Active learning	Learning to discuss in little groups about music ideas and finding solutions for a common song
<b>M</b>	Motivation	Using the iPad for being creative in a special way that they are not used to; feeling as a “composer” of their own music

Ressources / Links:	You find some links in the internet to prepare yourself, so search “GarageBand”; for example: <a href="http://learningworksforkids.com">learningworksforkids.com</a>
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