

LESSON PLAN Recreate and Bash the Trash!

GRADE 6 ON

SUBJECT Sciences

TIME NEEDED 60 minutes

VOCABULARY

- Sustainability
- Recycling
- Reduce
- Reuse
- Rethink
- Recreate
- Waste



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LEARNING OBJECTIVES/OUTCOMES

- Be able to incorporate what they have learned about the important concepts of Rethink, Reduce, Reuse, and Recycle from the lessons in previous days to engage in a new notion of Recreating.
- Be able to identify materials that can be recreated rather than simply deposited of for recycling or waste.
- Learning to build instruments using the materials they have all brought in over the course of the week.
- Write an extension onto Jack Johnson's song called "The Three R's" to include Recreate in order to broaden ideas of what can be reused through recreating.

MATERIALS REQUIRED

- Appendix 1, 2, 3
- Internet access to project Jack Johnson song and video onto smart board, or projector depending on availability
- Projector to put worksheet story (Appendix 2) up for the class to see
- Colouring pencils
- Paper
- Tin (coffee) cans
- rice
- Rubber bands

- Pencils
- Masking tape
- Cardboard tube
- Construction paper
- Paper towel tubes
- Shoe boxes
- Imagination!

DESCRIPTION OF ACTIVITY

Motivational Hook (approximately 10 mins.):

Ask students to discuss the 5 R-words. Display the five R-words (rethink, reduce, reuse, recycle and recreate) on the overhead and highlight *recreate* (See 5 R's Sheet).

Play Jack Johnson's "The Three R's" for the class as it encapsulates the lessons from earlier in the week. (Appendix 1)

Lead a class discussion to extend the song to include verses for Rethink and Recreate.

Write some ideas on the board.

Open (approximately 15 mins):

Next, project the story "What a Wonderful World it Could Be..." (Appendix 2) for the entire class to see and ask for volunteers to read it aloud. Split the class into small groups and pass out blank and lined paper and colouring tools. Have the groups discuss materials that they have thrown out at home and come up with ways of reusing them. For example, a coffee tin could be used to store pens and pencils. Use a few minutes afterwards to allow students to share their different ideas with the class.

Body (approximately 20 minutes):

Tell the class it is finally time to build instruments out of recycled materials!

Have the students split off into different corners of the room according to instrument. There will be four stations, one for guitars, drums, shakers, and horns. The stations will be equipped with a few copies of visual and written directions on how to build each instrument, as well as all of the required materials. (Appendix 3)

Students will be able to make any instrument they choose and will have to follow instructions to assemble it. They can help the other students at their station and of course the teacher will be moving around the class to answer any questions or lend a hand.

Close (approximately 15 minutes):

Have students put their names on their instruments and clean up their stations.

Once they have returned to their desks, have them write down the name of Jack Johnson's song in their agendas and tell them to listen to it at home and write a few lines of their own to add on to the song that connect with either rethink or recreate.

ASSESSMENT

Is the student able to demonstrate an understanding of human impacts on biodiversity?

Is the student able to see what is waste, what is recyclable, what can be recreated and why?

Did the student follow directions and construct an instrument of their own?
Did the student write out some lines for an extension to the song which are coherent, and demonstrate that they understand the importance of the 5 R's?
Did the student participate in class discussions?

EXTENDED ACTIVITIES

If students finish early...

- They are encouraged to play their instruments, or try to make a song with them.
 - They will also be encouraged to write positive messages on their instruments about environmental sustainability using the markers and other craft items found in the classroom.
 - They will be asked to write their own extension to Jack Johnson's song. The extension should be a reflection of what they have learned in today's lesson about recreating or rethinking.
 - If inspired to, students could learn the "The 3 R's" song and play their instruments at a school event that the class could organize and put on.
 - Students could create posters for the school to offer others suggestions on how to recreate old materials.
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PRINT AND WEB SITE REFERENCES

Alberta. Alberta Environment Education and Information Centre. [Get in the Loop Teacher Guide](#). Edmonton, 2005.

[http://www.earthcarecanada.com/Library/Get In The Loop Teacher Gui.pdf](http://www.earthcarecanada.com/Library/Get_In_The_Loop_Teacher_Gui.pdf)

[Bash the Trash: Environmental Arts LLC](#). 01 Oct. 2010 <<http://www.bashthetrash.com>>.