Science Homework - Sound

Task 1- Watch the 4 video clips about sound. Read any information that goes with it and complete any missing word activities. <https://www.bbc.co.uk/bitesize/topics/zgffr82>

Task 2 – Complete the sound survey. See separate file (2 Science – sound)

Task 3 – Good vibrations sound game. See separate file (3 – Science - Good vibrations game)

Task 4 – Practical investigation

Experiment 1 – Attempt ***the first*** ***experiment*** in the video clip. Feel free to try the others, but it will depend on what resources you have at home.

<https://www.youtube.com/watch?v=722hZLp5KaM> (‘super cool sound experiments to do at home’)

Experiment 2

You will need a large bowl covered in cling-film, some rice and a loud noise (bang a pan/baking tray/empty cereal box with a wooden spoon).

Place a small amount of rice on the cling-film. Hold your object very close to the bowl, but not touching it. Now hit your object to make a loud noise. Observe what happens to the rice. Why do you think this is happening? Think about what you have learned about vibrations and sound waves.

Task 5 – Make up a rap with lyrics that show your knowledge about sound. Be creative. Have fun! Can you incorporate examples of the difference in sounds in your rap? Feel free to share on twitter!