<u>Making a Change project</u>

Aims of the project:
- To appreciate that maths can be used to argue for and make a positive social change.
- Share ideas across four different schools (see below).

Structure of project:
- Students from one or more KS3 classes work together in groups of 3 or 4 to research and present ideas to others in the class.
- Each group chooses a social justice issue, related to something they feel passionate about and of interest to them, where they would like to see a change to make the situation fairer.
- This could be something from their everyday lives, or related to their local, regional, national or global community.
- It should be an issue where they can use maths to develop an argument for change.
- The choice will be left up to students but discuss with them criteria for choosing an issue, e.g. How achievable is your idea? Is it an issue where maths can be used to help show there's a better way of doing it?
- Suggestions of areas to focus on: educational disadvantage (provide TF statistics?); food banks; global sanitation; human trafficking; living wage; percentage of spending by London Assembly.
- Ideas to help them develop an argument: What change do you want to see? Who would be involved in that change? What would they need to do to make it change? How would that be possible? Who might you approach with your suggestion?
- Help students to find statistics to help them research it.
- Students given one week to research and plan their presentation

Outcomes:
- Each group presents a PowerPoint presentation with a maximum of four pages - could include embedded animations/videos.
- All students in the class then have a poll for people to vote for their favourites.
- Choose best 3 ideas to present to other classes/schools.
- Make criteria explicit to students when voting.

Sharing project between four different classes/schools:
- Students will hopefully find it exciting/motivational to work with other classes/schools.
- The project could gain energy through bouncing ideas off people in other classes/schools.
- The best 3 ideas from each class/school could be made accessible to other classes/schools via an online gallery.