

***The ‘DNA’ of Our Class***

***Lesson Plan for Key-stage 1 Maths***

*This plan and those for further year groups downloadable at www.toleranceday.org*

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| **Themes**: Tolerance, Data Collection, Diversity | | | |
| **Year Group** | Key-stage 1, Maths/ICT - Statistics | | |
| **Skills developed** | Listening and communication  Building empathy | | |
| **Learning Objectives** | * Interpret and construct simple pictograms, tally charts, block diagrams and simple tables * Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity * Ask and answer questions about totalling and comparing categorical data * Record, interpret, collate, organise and compare information | | |
| **Teacher Input** |  | **To Include** | **Timing** |
|  | Opener Activity – class discussion | If I say it’s important for me, and the school, to know certain information about each of you, what do you think I might need to know and why?  Eg. Boy/girl, religion, language spoken at home, favourite subjects, allergies, hobbies  Eg. To plan lunches, to know when people will be off for religious holidays, to have enough toilets, to plan individual work, to get to know what’s special and different about each one of you | 8 mins |
| **Class Activities** |  |  |  |
|  | Ranking the information | 1. Let’s chose the 5 we like best. Each of you have 5 votes and we will pick 3 to work with 2. Come and put a tally mark next to each of your top 5 | 5 mins |
|  | Collecting the data | How shall we find this information out?  Split into 5 groups. Allocate each group 1 question. Develop a questionnaire to get the reults for your question. Consider:   * the wording of your question * the range of possible answers (there could be lots!)   Take your questionnaire around the class (agree on a workable system to do this) and collect your results(remember to include your own groups’ results) | 12 mins |
| **ICT** |  | Chose the best way to display your results and create a pie or bar chart. Remember to label it | 30 mins |
| **Plenary** | Summing up | Share results with the class; what did we learn from doing this? Were you surprised by the results? |  |
| **Homework/**  **follow-on work** |  | Draw the results in pictures |  |