

Data For Communities Lesson Plan (Feb 19)

Workshop facilitators	Sam Milsom, Sam Langton, Reka Solymosi
Room setup	Cabaret seating - Groups of 6-8
Tech/equipment	Projector (venue) Computer for facilitators (ODM) Computers/devices for workshop participants (venue/participants) Wifi for everyone (venue)
Documentation	Photos Feedback sheets
Materials	Marker pens Name badge stickers Data Explorer sheets DIKW pyramid info sheets Exercise sheets Feedback sheets.
Catering	Tea/coffee/biscuits provided by venue Suggest people bring sandwiches

Time	Activity	Lead	Materials needed	Learning Outcome
18.00 <i>5m</i>	Introduction <ul style="list-style-type: none"> - Housekeeping. - Maths question... - What is Open Data Manchester? - Run through agenda for evening 	SM	Slides	Introduction to evening.

18.05 15m	Data Explorer <ul style="list-style-type: none"> - What type of a data explorer are you? Participants are told to fill in Data Explorer sheets to assess their skills. - Get people into groups based on computers available 	SM/SL	Data Explorer sheets	Self-assessment of skills.
18.20 10m	What is data? <ul style="list-style-type: none"> - Brief explanation of what data is and some basic terminology - DIKW triangle - Data will no answer your question - it will help you to understand but rarely an answer in itself. - Correlation / causation problem 	SM	Slides DIKW sheets	Data doesn't have to be scary
18.30 10m	Example of data use <ul style="list-style-type: none"> - MappingGM, show areas/wards/LSOAs, IMD mapped on here. - Deprivation vs Representation / Deprivation vs Control Show these as another way of showing this information	SM	Slides	Local characteristics Data can be used to create many different things Help you to understand your area better
18.40 20m	Introducing Data Tools Police.uk <ul style="list-style-type: none"> - Lets you look up crime stats - Has useful mapping tools NOMIS <ul style="list-style-type: none"> - Census data / life events etc - Look up area profiles GrantNav / 360 Giving <ul style="list-style-type: none"> - In depth search function, look up funders, recipients, filter by area, amount awarded etc MappingGM	SM	Live site, if possible If not, slides.	Introduction to some tools that might be useful to communities

	<ul style="list-style-type: none"> - Different maps based around various themes such as housing and demographics. - Each map lets you drill down into different areas. - Use filters to display different stats etc ie brownfield sites or transport access. - Incredibly powerful too BUT a lot of complexity underneath, so may fall down a rabbit hole / draw conclusions. - Causation NOT correlation <p>Only scratching at surface of these!</p>			
19.00 40m	Exercises <ul style="list-style-type: none"> - Data exploration, questions are set and groups explore using the tools - Facilitators help when needed 	SM/SL/RS	Exercise sheets	Exploring data, and answering questions. Practical experience of using sites explored.
19.40 15m	Interesting discoveries <ul style="list-style-type: none"> - Participants reveal any interesting discoveries they have made with data. - What connections have people made? - What questions has it raised? 	SM		Reporting back / summary
19.55 5m	Wrap up <ul style="list-style-type: none"> - Recap what we have gone through this eve - Maths Question answer... <p>(most will say that the bat costs £1 and the ball 10p. The actual answer is £1.05 & 5p. Highlights how we need to be careful with how we look at and interpret data)</p> <ul style="list-style-type: none"> - Feedback sheets. - please fill out & leave. 	SM	Workshop feedback sheets	Reinforce learnings Feedback to participants
20.00	Close			

