There are several sources of inspiration for your practical activity…

* ***Your everyday work, is there an activity you do at work that can be broken down and simplified?***
* ***Websites such as*** [***www.stemfirst.com***](http://www.stemfirst.com) ***or*** [***www.stem.org.uk***](http://www.stem.org.uk)
* ***The national curriculum (see copies in your pack)***
* ***Your cupboard at home, everyday items can be used in experiments***

Think about the practicalities of your activity eg

* ***The room you are working in (size, space available)***
* ***The mess you might make; a little mess is fun…..too much will make you unpopular!***
* ***The amount of kit you will need (to transport and to provide everytime)***
* ***How likely it is that it will work vs go wrong!***
* ***How well it will work with a large group/options to split into small groups***

Using the resources available in the room (the challenge cards, resource box) and your

imagination (combined imagination) come up with some activities that will bring science

to life………..

Using the checklist below start to plan how you might demonstrate or involve a group in that activity………

AIM of activity: what do you want your audience to gain from taking part in the activity?

STEPS to follow: break the activity down into single steps and check they are simple enough for your group to follow – especially if you are asking them to do it themselves

MESSAGES to get across: what are your key messages, key learning points (remember the power of 3!)

QUESTIONS to ask: what kind of questions could you ask to get them thinking and keep them engaged?

RESOURCES you will need: the simpler the better!