Green Innovation Awards – project scaffold

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| Step | Activities |
| Background Research | List some examples of resource use that have had significant impact on the Australian environment.  Research scientific and technological developments that have led to innovative ways to reduce these impacts. |
|  | Identify the environmental problem you are trying to solve.  Who does this problem effect and how?  Why is a solution needed? |
|  | Brainstorm possible **innovative** solutions to your problem.  Come up with as many ideas as you can – all team members must contribute.  Discuss all the ideas and decide on which solution your team will develop. |
|  | Research what has already been done to solve your problem.  Plan out your solution – develop a timeline of activities, draw diagrams, perform research as needed to assist with your planning.  Assign roles to group members. Make sure everyone has a meaningful role that they can achieve. |
|  | Develop a prototype of your solution.  The form of your prototype will depend on your solution:   * Electronic solutions (app, website etc) may have a wire frame as a prototype. * Physical solutions may have a simple model. |
|  | Test your prototype. This can be done in different ways:   * For a model, test if it does what you want it to do. * Ask class mates for feedback about what works well and what needs to be improved. * Ask your teacher for feedback. * If you have a target audience, ask them for feedback. * Attend the Innovation day and get feedback from the mentors. |
|  | Based on the feedback from the previous step, make improvements to your solution.  Work your solution up into a more complex/complete prototype. |
|  | Share your solution with your class.  Enter your solution in the Green Innovation Awards. |