

2010 Melbourne Water Kids Teaching Kids Conference

Workshop Plan

Teacher name:																					
School:	Copperfield College																				
Presentation Title:	Is the Water Cycle the Canary in the Coal Mine for Climate Change?																				
Name of Mentor																					
Describe your presentation	<p>All activities are on a 10 minute rotational basis: Brief Powerpoint Intro by Student 1 (max.5mins) (then students are split into three groups)</p> <p>Group 1: The Water Cycle at Risk by Student 2 & Student 3 (10min) Students will build a small, take home terrarium. They will see how the Earth links to the terrarium. Learning about each aspect of the water cycle and the affect of humans on the water cycle.</p> <p>Group 2: Our Rivers Close Up by Student 4 & Student 5 (10min) An experiment where students will be given the opportunity to investigate water samples from our local water system network and lake – Taylors creek/lake. They will analyse macroinvertebrates and human impacts to determine if the water system is sensitive or tolerate of pollution.</p> <p>Group 3: Game On: How Good is Your Memory? by Student 6 & Student 7 (10min) Students will learn two types of jingels one for the elastic game and the other for the bat game. As they are playing the game they must memorise the jingle.</p> <p>Reflection: I have learnt... Student 1 A student adds one thing onto the sentence 'I have learnt...' and the next students needs to add his word of what he learnt and the next students word and so on.</p>																				
Type of Presentation (Please circle/highlight those being used)	<table border="0"> <tr> <td>PowerPoint</td> <td>Song</td> <td>Dance</td> <td>Quiz Show</td> </tr> <tr> <td>Debate</td> <td>Experiment</td> <td>Craft</td> <td>Interview</td> </tr> <tr> <td>Models</td> <td>Cooking</td> <td>Physical Game</td> <td>Drama</td> </tr> <tr> <td>Role play</td> <td>Poem</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Other, please specify:</td> </tr> </table>	PowerPoint	Song	Dance	Quiz Show	Debate	Experiment	Craft	Interview	Models	Cooking	Physical Game	Drama	Role play	Poem			Other, please specify:			
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Please describe how you would use the above presentation types in your interactive presentation:	<p>Models: Terrarium (Sponsored by City West Water)</p> <p>Experiment: Dissecting mircoscopes and water samples</p> <p>Games/Song: The Shattlecock Chant and Elastic Chant</p> <p>PowerPoint: Introduction piece explaining the canary in the coal mine.</p>																				

Workshop Aims / What do we want our audience to learn?:

inspiring future
environmental
leaders

PO Box 692

North Melbourne

Victoria 3051

Telephone 03 9329 3736

Facsimile 03 9329 3550

kidsteachingkids.com.au

We want the students to understand that the global water cycle acts like the canary in the coal mine for climate change. That water through the world is displaced and has led to drought and flooding, displacement of flora and fauna which then directly affects our environment at all levels (backyard, locally and globally). That water is precious and we need to respect it and that science will not stop to find answers to existing problems.
How will we share the things we've learnt about the topic?
We as a team will study the issues as best we can and relay the information to the students as we present the workshop. There will be only one worksheet for the students to be able to take back to their school and use it as a way to investigate water. There will also be a model they get to take back home and use. The activities are all fun and hands on with lots of visual, audio and practical elements to keep students active and immersed in learning.
What will we need for our workshop? (MENTOR?, Props, models, pictures, computers, tables, cleaning products)
We will need a large space where we can set up 5 large tables for two groups and a large area for the 'game on' activity group to jump around and hit a shuttlecock around. We need a room with more than one power point for the presentation and dissecting microscopes.
We are providing the equipment for the workshop – dissecting microscopes, sample, models, game equipment, terrarium equipment, computer and projector (is it possible for you guys to provide a projector screen – if not let me know) and anything else I may have missed.
What similar presentations have we done that may help? (public speaking, drama, talking at assembly)
We are all members of Copperfield College's Environmental Leadership Team. We have up to 4 years experience with conferences run by Brimbank City Council and YACC and MGColleg, our own native and vegetable gardens, competitions – Sustainable cities presentation, teaching neighbouring schools – for transition and oration days and speaking at assemblies. We all also do many other co – curricula and extra curricula activities such as sporting teams, leadership team, SRC, Production and many more.
What roles do each of us (presenters) have in our presentation? (time keeper, MC, researcher, multimedia manager)
Student 1 Time Keeper, Introducer & Concluder and during activities MC
Students 2-7: Researchers and Presentors on the day.
Each person has a job to do and all activities have been evenly split for everyone to get involved.

Please contact Cat with any questions you may have.

Cat Kozlowski

Kids Teaching Kids

Education Officer

Cat@kidsteachingkids.com.au

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