Education & Communities

Public Schools NSW

Curriculum Collaborations

Science & Technology

Developed for *NSW Science K-10 (incorporating Science and Technology K-6) Syllabus*

Built Environments

Part 3: Resources

Lugarno Public School

Stage 3

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Compare and Contrast Past and Present School Outdoor Spaces

Past	Present

How are they alike?

How are they different?

Possible reasons for change:

Predictions for the future:

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Case Study

Social Factors	Details	Meets community needs	Doesn't meet community needs	Could be improved
Who uses this outdoor space? (ensure all areas of the space are considered)				
What services are utilised in this space? (waste disposal, ground maintenance etc.)				
What access and who can access this outdoor space? (consider parking, signage, emergency public access etc.)				
What safety features have been addressed? (consider things like parking, playing equipment, soft fall, water features etc.)				
What is/is not aesthetically pleasing about this outdoor space? (Consider location, landscaping, water features layout, built structures etc.)				
Has consideration been given to the type of materials used when developing this outdoor space? (Consider play equipment, seating, toilet amenities etc.)				
Environmental Factors				
What environmental features are evident in this space? (Consider, recycling, energy use, native flora & fauna etc.)				

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Draft Design Brief

Name of Team	**Details**
What area or factor of our school's outdoor space have you identified that needs improvement?	
Why have you chosen this area or factor?	
How will you do this? What format will you use?	
List all resources you will require	
List any constraints or existing problems	

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Design Brief Evaluation

Part 1

Design Brief Evaluation 1

Plan, design and produce a proposal to create/ improve/ utilise an outdoor space that meets the needs of the school community.

What **did** we do well? scientifically/technologically/socially	Why?/How?

Do you think your proposal is achievable? Explain

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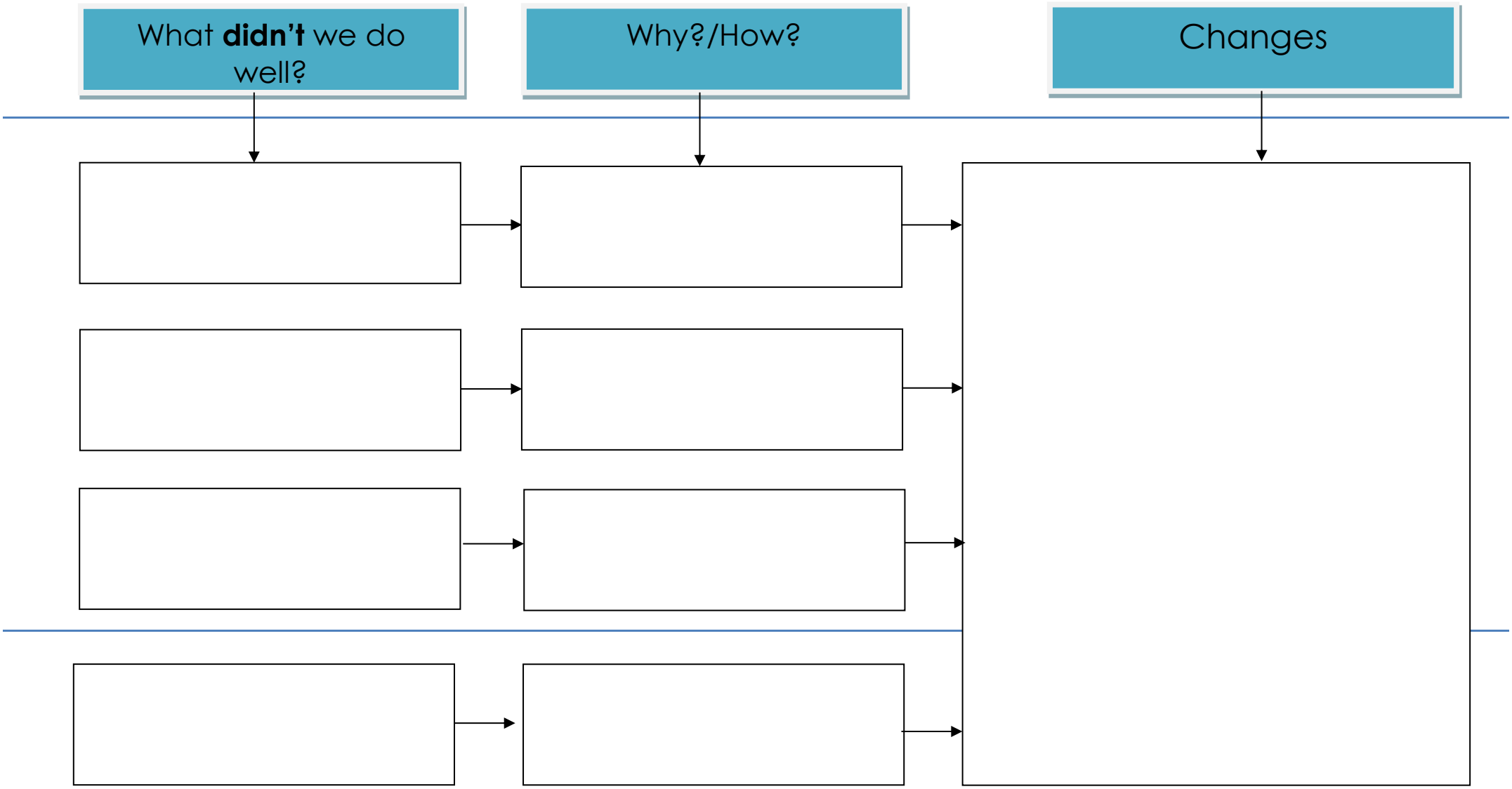
Part 2



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Web links

KWL chart

Survey tools-
Survey monkey
Wufoo
Animated narrative tool-
Xtranormal

Brainstorming tools-
BUBBLE.US
POPLET

Mapping tools
Quikmaps

Scribblemaps

Timeline tools-
Sliderocket

timeline template

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Films-
1925 playground

Youtube videos-

Working Scientifically and Working Technologically

Scientific Investigations

Planning and Predicting

Fair Test

Working Scientifically

Drawing Conclusions

New Knowledge

Working Technologically

Interactive designing science experiments (Fair tests, variables, report writing etc)

Writing questions

Drawing tools-
Google sketchup

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