



National Certificate of Educational Achievement
TAUMATA MĀTAURANGA Ā-MOTU KUA TAEA

2009

Internal Assessment Resource

Subject Reference: **Education for Sustainability 3.5**

Internal assessment resource reference number:
EfS/3/5_B1

Making our School Sustainable

Supports internal assessment for:

Achievement Standard: 90832

Develop and justify a strategy for an organisation that will contribute to a sustainable future

Credits: 5

Date version published:

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**Ministry of Education
quality assurance status**

For use in internal assessment
from 2009

Teacher Guidelines:

The following guidelines are supplied to enable teachers to carry out valid and consistent assessment using this internal assessment resource.

Context/setting:

It is expected that this activity will come at the end of a learning module focussed around understanding the needs of organisations as they try to act more sustainably in terms of policies and practices. Many organisations within New Zealand are responding to global imperatives as well as government policy and legislation to do with sustainability.

An organisation could include, but is not limited to, a local business, a household, a local council, a government agency, an NGO or a school. This task may be the student's own school or a nearby primary or intermediate school.

A partnership must be established. The student is required to collaborate with a partner or stakeholder in the school to address a common goal. The partner would be someone directly involved in the implementation of the proposed strategy should it be accepted i.e. someone in a management role. It is important that students have had modelled and have experienced active participation skills so that they may more ably contribute to discussions, share knowledge, build consensus, assess needs, manage roles and responsibilities.

As they develop a strategy the partners must identify needs and emerging trends. The proposed strategy should be framed around aspects of sustainability - environmental, social, economic, and cultural. It could entail working with tools used by organisations such as Green-Globe or The Natural Step or Landcare-Manaaki Whenua.

Students will also need to understand how to engage reflectively with their learning. It is expected that students will use a learning journal (in whatever format) to capture their thoughts and ideas on the collaborative process they have undertaken to develop this strategy. The teacher and/or partner is required to observe and record some indicators/evidence of participation and contribution by the student with the partner. The student must provide this collected evidence on the due date.

Conditions:

This activity will take place over a period of 4 weeks with at least 4 hours of class time set aside to introduce and discuss the requirements of the assessment as well as for the establishment phase. Students will then need to meet milestone deadlines as negotiated in order to complete the tasks by the due date.

Resource requirements:

Students should have access to internet capable computers, telephones, and faxes. Exemplars of strategies developed by organisations should be shown and discussed with students. It may also be useful to have a list of organisations willing to enter into short-term collaborative partnerships so that students do not get knocked back in the first instance.

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Generic Template

Supports internal assessment for:

Achievement Standard: 90832

Develop and justify a strategy for an organisation that will contribute to a sustainable future

Credits: 5

Student Instructions Sheet

Student Guidelines:

Schools are organisations that develop over time to meet the needs of students. Sometimes these developments occur to meet specific short term needs. Practices are often put in place to meet these short term needs which may not contribute to a sustainable future.

You will need to collaborate to develop and justify a strategy for a school, which may be your own, that outlines the systems change¹ required to contribute to a sustainable future. You will be working collaboratively with people in the organisation who have a position to make decisions as your partner(s).

This process of working collaboratively takes time. You have to be prepared to establish a collaborative working relationship, timeline and milestones with a partner or representative stakeholder group within the school.

Step 1 - Establishment Phase

Timeline

The deadline for handing in your strategy is

Milestone meeting one is on

[Between meetings:](#)

[journal/blog to background the organisation's practices at present.](#)

Milestone meeting two is on

[Between meetings:](#)

[journal/blog an outline of strategy, links to sustainability](#)

Final milestone meeting is on

¹ Systems change is the change within an organisation that enables them to work in a more holistic, sustainable manner rather than system change, which implies a change to wider economic system the organisation operates within.

- Brainstorm possible practices in the school that do not contribute to sustainability and select one area to work in eg Rubbish, recycling, energy use, water use, land use, cleaning, food.
- Find someone with responsibility within the school to discuss this issue with and identify the partner who will be directly involved in the development work.
- Establish the collaborative roles and responsibilities with your partner. Consider how you may share knowledge and information, plan steps and find consensus as you develop your strategy.
- Establish your learning journal in whatever format is appropriate, eg e-portfolio. This will be used for your assessment.

Step 2 - Understanding the organisation

- Meet with your partner to establish a timeline (if you are unable to meet face to face, you could do this via the phone, email, Skype or your e-portfolio site).
- Describe the core business of the school.
- Describe the present practices in the school.
- Evaluate the organisational practices in terms of a sustainable future.
- Identify local and national influences on the school.

Step 3 - Investigating scenarios

- Research how other schools are dealing with sustainability issues and possible future impacts of local and national imperatives such as global warming, transport costs, income depletion.
- Collaborate to brainstorm possible future scenarios for the school, ie apply 'Blue Skies' thinking as well as 'Negative scenario' thinking.
- Collaborate to brainstorm possible systems change.
- You may find it useful to investigate websites from organisations such as Green-Globe or The Natural Step for tools for this process.

Step 4 - Strategising

- Develop a strategy to address identified needs of the school. Relate the proposed actions to the aspects of sustainability. Justify in your discussion the selection of your strategy and how it will help the school contribute to a sustainable future. Critically analyse the strategy which may involve stating opinions, relating, considering implications, projecting future impacts, evaluating options, comparing and contrasting, suggesting alternatives and next actions for personal and social responsibility.

Step 5 - Submission

- Submit your strategy
- Submit your learning journal.

What to remember

Keep a learning journal that details, with time and date:

- Your interactions with the school
- Your collaboration with your partner/s
- Discussions on roles and responsibilities
- Reflection on your experiences and what you have learnt from them
- Identification of the advantages of working with a partner
- How you have developed your competency to participate, contribute and relate well to others.

Assessment Schedule: EfS/3/5_B1 - Making Our School Sustainable

Task	Evidence for Achieved	Evidence for Achieved with Merit	Evidence for Achieved with Excellence
	<p>Develop and justify a strategy for an organisation that will contribute to a sustainable future.</p>	<p>Develop and justify a comprehensive strategy for an organisation that will contribute to a sustainable future.</p>	<p>Develop and critically analyse a comprehensive strategy for an organisation that will contribute to a sustainable future.</p>
<p>Steps 1 - 5</p>	<p>Evidence of: Communication with the organisation, a timeline established with a partner, reflection on the collaborative process with partner (usually in a journal).</p> <p>Identification of a need or sustainability issue based on emerging trends around aspects of sustainability within the school.</p> <p>A strategy that responds to this need is developed that outlines a rationale and policies, and that proposes further action.</p> <p>A justification is given that explains why the strategy will contribute to a sustainable future. It is expected that there will be more than one reason included in this justification.</p>	<p>Evidence of: Communication with the organisation, a timeline established with a partner, reflection on the collaborative process with partner (usually in a journal).</p> <p>Identification of a need or sustainability issue based on emerging trends around aspects of sustainability within the school.</p> <p>A strategy that responds to this need is developed that outlines a rationale and policies, and that proposes further action.</p> <p>The strategy is based on research - qualitative and/or quantitative data of both theoretical and physical structures of organisation. The strategy suggests changes in these structures required to contribute to a sustainable future.</p> <p>A justification is given that explains why the strategy will contribute to a sustainable future, and any follow up.</p>	<p>Evidence of: Communication with the organisation, a timeline established with a partner, reflection on the collaborative process with partner (usually in a journal).</p> <p>Identification of a need or sustainability issue based on emerging trends around aspects of sustainability within the school.</p> <p>A strategy that responds to this need is developed that outlines a rationale and policies, and that proposes further action.</p> <p>The components of the strategy are examined in detail, including the relationship between them and the implications for aspects of sustainability. Students are required to establish criteria and make a judgement on the contribution to a sustainable future. It may involve students in stating opinions, relating, considering implications, projecting future impacts, evaluating options, comparing and contrasting, suggesting alternatives and next actions for personal and social responsibility.</p>