

SPARX
resources



2010 CATALOGUE

***Quality integrated
teaching resources with
an action-values base***



Looking for integrated resources to support your teaching?

The SPARX resources could be for you!

Integrated Education offers a four-year cycle of integrated SPARX units that

- are broad enough to allow teachers great flexibility
- encourage unique school community responses
- link to the national curriculum
- can be purchased individually, or as a money-saving subscription
- respect cultural perspectives
- bring cohesiveness to the school community
- incorporate the latest ideas on educational processes and practices
- develop values and habits of mind.

SPARX Teacher Manuals cover broad topics in

- Values Education
- Science
- Social Science
- Health
- Language

Integrated Education also has an increasingly rich range of support resources, including the Celebrate Art series of resources and Sparx Maths Investigation Cards. A Sparx Reading Resource will also be available in 2010.

SPARX resources are packed with creative ideas, can save you time, provide professional development in the course of planning and inspire your education programme.



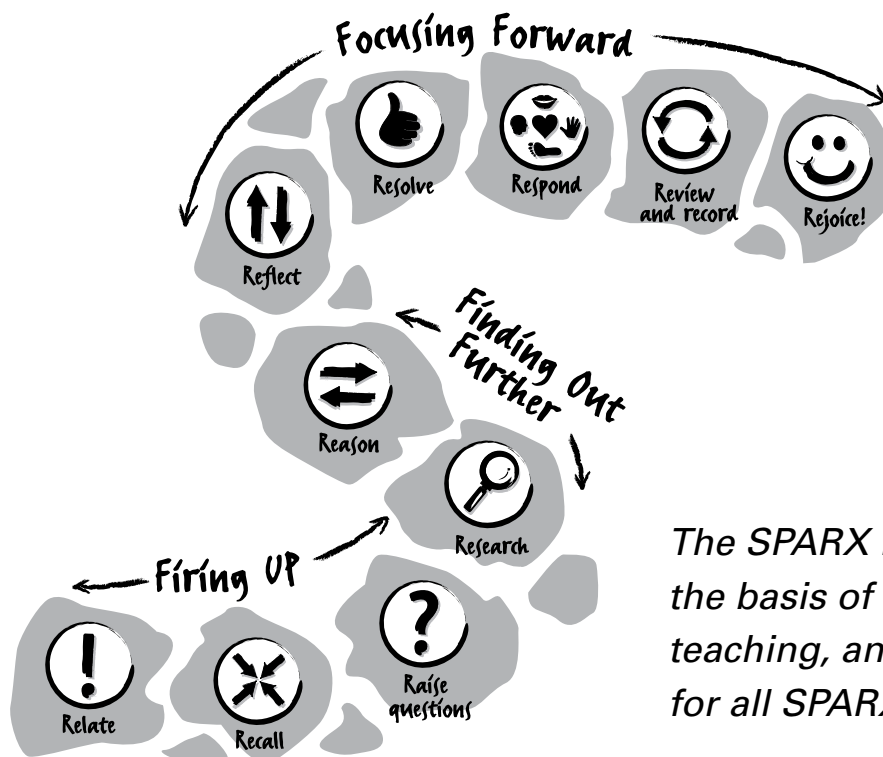
Each page of this catalogue introduces resources for one integrated term's work and, used consistently, SPARX resources will ensure that a thorough spread of curriculum requirements is covered.

The Principles of SPARX

The nine principles are foundational to the development of SPARX resources



The SPARX Learning Path



The SPARX Learning Path forms the basis of quality planning and teaching, and is the framework for all SPARX resources



Reach out to others and reach for the stars.

Students will learn to express kindness to people who are different from themselves in cultural background or ability, and to appreciate the vastness of the universe.

Purchase these folders now to receive the following resources at a reduced rate.

SPARX resources are available in two folders:
Years 1–4
Years 5–8

Years 1–4

These Teacher Manuals (TM) and reproducible Discovery Sheets (DS) come in the Years 1–4 folder, or can be purchased individually.



Reach out with kindness to others.

Why is kindness important in our lives?

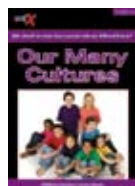
Character Education/Values • Kindness • Years 1–8 • TM and DS



Reach for the stars as you learn about the immensity of the universe.

What's our place in space?

Science • Space • Years 1–4 • TM and DS



Learn about and reach out to people who are different from you culturally.

Why should we show love to people who are different from us?

Social Science • Our many cultures • Years 1–4 • TM and DS



Reach out to disabled people as you begin to realise that all people have limitations, and yet all can contribute uniquely and vitally to others.

How can we reach out to disabled people?

Health • Services for people with disabilities • Years 1–4 • TM

Years 5–8

These Teacher Manuals (TM) and reproducible Discovery Sheets (DS) come in the Years 5–8 folder or can be purchased individually.



Reach out with kindness to others.

Why is kindness important in our lives?

Character Education/Values • Kindness • Years 1–8 • TM and DS



Reach for the stars as you develop research skills in your study of the universe.

Why do astronomers research the universe?

Science • Space • Years 5–8 • TM and DS



Reach out to people who are different from us culturally, and realise that although cultural practices differ they reflect similar purposes, and are passed on for important reasons.

Why do people do things differently?

Social Science • Our many cultures • Years 5–8 • TM and DS



Reach out to disabled people as we research services available for them, and laws that reduce discrimination. Everyone of us contributes uniquely and vitally to the world.

Why should we reach out to disabled people?

Health • Services for people with disabilities • Years 5–8 • TM

Years 1–8 (in both folders)

These Teacher Manuals (TM) are included in both the Years 1–4 and 5–8 folders, or they can be purchased individually.



Enjoy the stories of myths and legends, identifying their structure and their significance to different cultures. For all ages and abilities.

How can myths and legends help us understand cultures?

Language • Myths and legends • Years 1–8 • TM



Reach out in our communication to others by developing understand of ways to deliver procedural texts in storyboards and demonstrations. For all ages and abilities.

How can I communicate visually?

Language • Visual procedural texts • Years 1–8 • TM



Reach out in our communications to others by developing persuasive skills for awareness campaigns and discussions.

How can I persuade you?

Language • Persuasive campaigns and discussions • Years 1–8 • TM

Supporting Resources May be purchased individually.



Be inspired by artists who have expressed ideas about identity and belonging from different cultural perspectives.

Identity and Belonging in Contemporary Art

A3 posters • CD • Lesson plans



Investigate how contemporary artists from different cultural groups express ideas about their foods.

Food in Contemporary Art



Discover how to express your own identity, and create artworks reflecting cultural designs.

How to Make Your Own Flag, Shield, Logo or Coat of Arms

Card set • Lesson plans



Grow! Appreciate, respect and use plants in the environment around us.

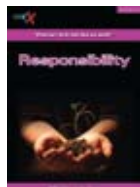
This theme will help your students recognise some of the wonderful ways in which plants meet our needs, and to consider their responsibility in caring for our environment.

Purchase these folders now to receive the following resources at a reduced rate.

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Years 5–8

Years 1–4

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Develop personal responsibility and consider your responsibility to the environment around us.

What can I do to look after our world?

Character Education/Values • Responsibility • Years 1–8 • TM and DS



Grow in scientific thinking as you investigate the uniqueness and versatility of plants.

What's so special about plants?

Science • Plants • Years 1–4 • TM and DS



Investigate our environment and identify the value of plants to people in different environments.

What's so special about the environment?

Social Science • Our environment • Years 1–4 • TM and DS



Adapt your dietary choices to reflect the understanding that plants are vitally important to a healthy diet.

What's so special about what I eat?

Health • Healthy eating • Years 1–4 • TM

Years 5–8

These Teacher Manuals (TM) and reproducible Discovery Sheets (DS) come in the Years 5–8 folder or can be purchased individually.



Develop appreciation for the environment around us and consider how applying the value of sustainability might impact your life.

What can I do to look after our world?

Character Education/Values • Responsibility • Years 1–8 • TM and DS



Develop scientific hypotheses as you investigate the uniqueness and versatility of plants.

What's so amazing about plants?

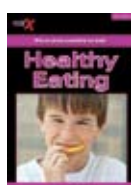
Science • Plants • Years 5–8 • TM and DS



Consider the diversity of global environments and the ways in which they meet our needs.

Why should we care about the environment?

Social Science • Environments • Years 5–8 • TM and DS



Adapt your dietary choices to reflect the understanding that plants are vitally important to a healthy diet.

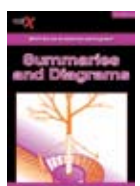
Why are plants essential to our diets?

Health • Healthy eating • Years 5–8 • TM

Years 1–8

These Teacher Manuals (TM) are included in both the Years 1–4 and 5–8 folders, or they can be purchased individually.

Language, Maths



Grow in your ability to communicate your scientific and social scientific understandings visually. For all ages and abilities.

What's the use of summaries and diagrams?

Language • Summaries and diagrams • Years 1–8 • TM



Grow in your ability to communicate your observations through poetry. For all ages and abilities.

How can we create pictures with words?

Language • Poetry • Years 1–8 • TM



Grow in your ability to communicate our scientific and social scientific understandings through explanations.

How can I explain that phenomenon?

Language • Explanations • Years 1–8 • TM

Supporting Resources May be purchased individually.



View and appreciate artworks depicting plants and trees, and discover ways we can create artworks on this topic.

Plants and Trees in Contemporary Art

A3 posters • CD • Lesson plans



Grow as an artist and learn to create artworks of plants and trees in a variety of media.

How to Draw a Nikau

Card set • Lesson plans



Face challenges courageously!

Read and view inspiring autobiographical accounts of people throughout history, and how courageous people have influenced our world. Develop courage and take responsible risks, and learn about the dangers and benefits of heat energy.

Purchase these folders now to receive the following resources at a reduced rate.

SPARX resources are available in two folders:
Years 1-4
Years 5-8

Years 1-4

Character Education/Values, Science, Social Science, Health

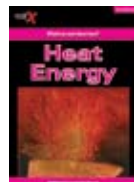
These Teacher Manuals (TM) and reproducible Discovery Sheets (DS) come in the Years 1-4 folder, or can be purchased individually.



Become responsible risk-takers and develop courage as we face challenges.

How can we become courageous?

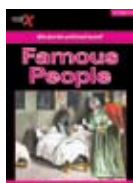
Character Education/Values • Courage • Years 1-8 • TM and DS



Investigate heat and temperature, and observe how they can change things, and help or harm us.

What's so cool about heat?

Science • Heat energy • Years 1-4 • TM and DS



Consider what makes a hero and who qualifies, as we begin to make decisions to develop the courage to become the heroes of the future.

Why does the world need heroes?

Social Science • Famous people • Years 1-4 • TM and DS



Identify risks and dangers, and face challenges with people and practices that can help us to be safe.

How can I keep safe?

Health • Safe practices • Years 1-4 • TM

Years 5-8

Character Education/Values, Science, Social Science, Health

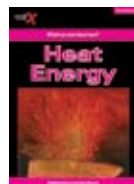
These Teacher Manuals (TM) and reproducible Discovery Sheets (DS) come in the Years 5-8 folder or can be purchased individually.



Become responsible risk-takers and develop courage as we face challenges.

How can we become courageous?

Character Education/Values • Courage • Years 1-8 • TM and DS



Investigate heat energy, how it is harnessed and used.

What's so cool about heat?

Science • Heat energy • Years 5-8 • TM and DS



Participate in research about courageous people, from those in the local community to those who have influenced the laws of our land.

Why does the world need courageous people?

Social Science • Leaders and lawmakers • Years 5-8 • TM and DS



Identify challenging situations we face in life – physically, emotionally and socially – and identify knowledge and character qualities that can protect us from harm.

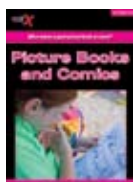
What protects me in risky situations?

Health • Risk management • Years 5-8 • TM

Years 1-8

Language, Maths

These Teacher Manuals (TM) are included in both the Years 1-4 and 5-8 folders, or they can be purchased individually.



Enjoy and identify the components of effective picture books and comics. For all ages and abilities.

What makes a great picture book or comic?

Language • Picture books and comics • Years 1-8 • TM



Rise to the challenge of reading and communicating autobiographical and biographical text. For all ages and abilities.

Why are life stories so interesting?

Language • Biographies and autobiographies • Years 1-8 • TM and DS

Supporting Resources May be purchased individually



Be inspired by contemporary artworks on the topic of fire and create works inspired by this theme.

Aspects of Fire in Contemporary Art

Art book • CD • A4 posters



Use Celebrate Art resources and lesson plan cards that introduce the use of a variety of media

How to Draw and Paint Pictures of Fire, Heat & Light

Card set • Lesson plans



We can take initiative

Become involved in identifying changes over time, chemical changes in the kitchen and changes as we grow. By taking initiative with what we have, we can make positive changes in our lives and the lives of others.

Purchase these folders now to receive the following resources at a reduced rate.

SPARX resources are available in two folders: Years 1–4 Years 5–8

Years 1–4

Character Education/Values, Science, Social Science, Health

These Teacher Manuals (TM) and reproducible Discovery Sheets (DS) come in the Years 1–4 folder, or can be purchased individually.



Take initiative. Consider what around you needs changing for the better. Take stock of the resources available to you, and use what you have to make the world a better place.

What can we do with what we have?

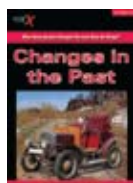
Character Education/Values • Initiative • Years 1–8 • TM and DS



Observe and inquire about chemical changes in the kitchen.

What changes happen in the kitchen?

Science • Changes in the kitchen • Years 1–4 • TM and DS



Investigate social changes resulting from the way people in the past have solved problems like getting water, food and shelter.

How have people changed the way they do things?

Social Science • Changes in the past • Years 1–4 • TM and DS



Identify physical and emotional changes as people grow.

How are we changing as we grow?

Health • Growth and development • Years 1–4 • TM

Years 5–8

Character Education/Values, Science, Social Science, Health

These Teacher Manuals (TM) and reproducible Discovery Sheets (DS) come in the Years 5–8 folder or can be purchased individually.



Take initiative. Consider what around you needs changing for the better. Take stock of the resources available to you, and use what you have to make the world a better place.

What can we do with what we have?

Character Education/Values • Initiative • Years 1–8 • TM and DS



Observe and inquire about chemical changes in the kitchen.

Where can I observe chemical change?

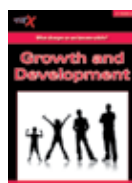
Science • Changes in the kitchen • Years 5–8 • TM and DS



Identify social changes resulting from the way people have used resources over time.

How do changes from our country's past impact us today?

Social Science • The impact of change • Years 5–8 • TM and DS



Identify physical and emotional changes as people grow.

What changes as we become adults?

Health • Growth and development • Years 5–8 • TM

Years 1–8

Language

These Teacher Manuals (TM) are included in both the Years 1–4 and 5–8 folders, or they can be purchased individually.



Learn how to participate effectively in discussions. For all ages and abilities.

How can we discuss the changes we see?

Language • Discussions • Years 1–8 • TM



Become effective in understanding and writing explanations about science and social science topics. For all ages and abilities.

How can I explain the changes I see?

Language • Explanations • Years 1–8 • TM



Often in reading diaries and journals, the recorded events and feelings help us notice changes over time. Learn to appreciate and write personal recounts. For all ages and abilities.

How can I tell you about it?

Language • Diaries and journals • Years 1–8 • TM

Supporting Resources May be purchased individually



View artworks of vehicles and discover their value to people and the ways that vehicles have changed over time.

Vehicles in Contemporary Art

Celebrate Art book • CD • How to Draw cards • Celebrate Art Junior



Enjoy these resources that highlight cooking and the kitchen.

Mundane and Marvellous

Celebrate Art book

Food in Contemporary Art

Celebrate Art book • CD • A4 posters

Let's Make a Big Feast

Card set • Lesson plans

“This high-quality curriculum contextualises the learning areas of the national curriculum ... It also provides teachers with a sound basis for developing detailed curriculum plans and learning programmes.”*

—*New Zealand Education Review Office*

* Refers to an earlier version of SPARX produced for Christian schools known as Interact Curriculum.



Integrated Education Ltd
PO Box 757
Whangaparaoa 0943
Phone 09 4243700
Fax 09 4243702
www.integratededucation.com
info@integratededucation.com