

Solar School



Year 5 Skills



Learning skills model devised by Chesswood Middle School, Worthing

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Learning Skills – Are you a great learner?

- Welcome to the ACRO learning skills. ACRO stands for
 - Attitude
 - Creativity
 - Relationships
 - Organisation
- This year, you will be focusing on 2 skills under each of these headings.
- Your booklets will help you keep track of how well you are doing in each of the skills.

Learning Skills – Are you a great learner?

- To help you discuss the skills, you will follow the adventures of 'Solar School' – Chesswood's 'parallel school'.



Episode 1: The School Trip (Escape from Planet Pongg)



Somewhere, somewhen...



The Solar Fish glides through the galaxy taking the pupils of Solar School on a long range field trip.

Excited by the views, neither staff nor pupils notice the approaching astral storm...



vrooom

Solar School

Suddenly a hail of meteors smashes into the Solar Fish!



Part of the Solar Fish is separated and sent spiralling out of control...



...towards a nearby planet where it safely crash lands.

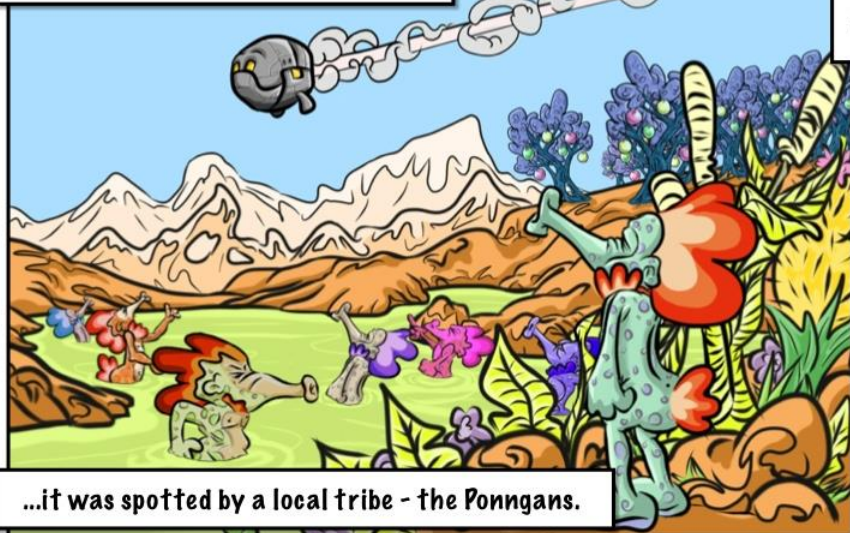


Safe but shaken, the pupils slowly realise they are now stranded...



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When the Solar Fish zoomed over the planet before crash landing...



...it was spotted by a local tribe - the Ponngans.

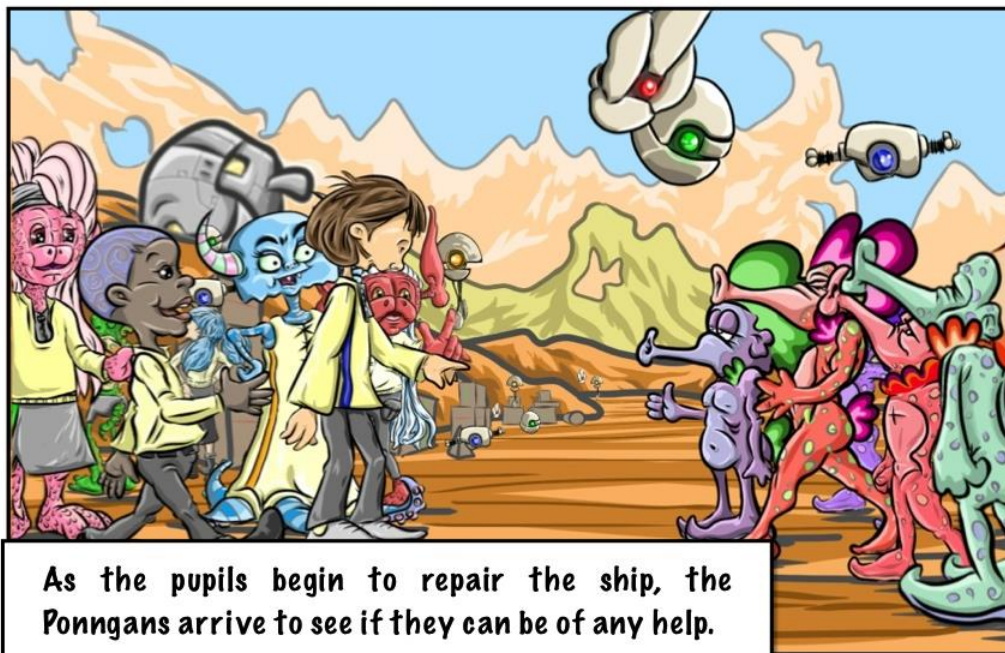
Upon landing, the ship's robots are sent out to explore the terrain.



Meanwhile, the teachers back on the main ship send down instructions for the pupils...



Now make sure you use your learning skills.



As the pupils begin to repair the ship, the Ponngans arrive to see if they can be of any help.



We're going to need a lot of things...

So together, the Solar School pupils and the Ponngans all begin to work as a team.

- **Will the pupils of Solar School be able to rebuild the spaceship, fly back through the meteor storm and re-join their teachers on the main ship?**
- **Can they work as a team with the local Ponngans?**
- **Which learning skills do you think the pupils of Solar School will need to rescue themselves?**

Maybe you can develop these skills too...

Work through each of the skills in your booklets.

- What do they mean?
- How would the pupils of Solar School use these skills to help them?
- How will you use these skills to help you become a better learner this year?

Motivation



Attitude

ATTITUDE Motivation		Disagree → Agree				
		1	2	3	4	5
I find a way to persevere even when things are difficult.						
I push myself in lots of ways... even things I don't feel like doing.						
I can challenge myself						
I know that pushing myself makes me better at things.						
Total score out of 20:						
My Target						

Absorption



Attitude

ATTITUDE Absorption		Disagree → Agree				
		1	2	3	4	5
I love learning and often get absorbed in new ideas and topics						
I find nearly all areas of learning enjoyable						
I make learning opportunities for myself						
I enjoy completing take-away tasks						
Total score out of 20:						
My Target						

Problem Solving



Creativity

CREATIVITY Problem Solving

Disagree → Agree

I consider different ways of approaching problems before tackling them

I am able to use and evaluate different strategies to solve a problem

I break down problems into key components and find efficient ways to solve them

Total score out of 15:

My Target

Lateral thinking, ideas generation



Creativity

CREATIVITY Lateral Thinking / Ideas Generation

Disagree → Agree

I have developed a variety of imaginative ideas and can assess their quality.

I often think 'outside the box'

I don't go for the obvious answer, but take time to think about alternatives

I look at things from unusual, unexpected perspectives

Total score out of 20:

My Target

Negotiation, persuasion, influence



Relationships

RELATIONSHIPS Negotiation, Persuasion, Influence		Disagree \longrightarrow Agree				
		1	2	3	4	5
I show initiative and am proactive in persuading and negotiating with others.						
I can reach a compromise with others and don't always have to get my own way.						
I know a range of techniques to help me persuade others.						
I actively seek to negotiate an appropriate outcome when there are disagreements, showing tact to those I disagree with.						
Total score out of 20:						
My Target						

Communication



Relationships

RELATIONSHIPS Communication		Disagree \longrightarrow Agree				
		1	2	3	4	5
I communicate well with others – sometimes giving instructions as well as following others' instructions.						
I can work confidently with others, offering and accepting advice and ideas and exploring those ideas.						
I express interest in others, taking note of what they say and how they feel.						
I use body language to enhance my communication.						
Total score out of 20:						
My Target						

Planning



Organisation

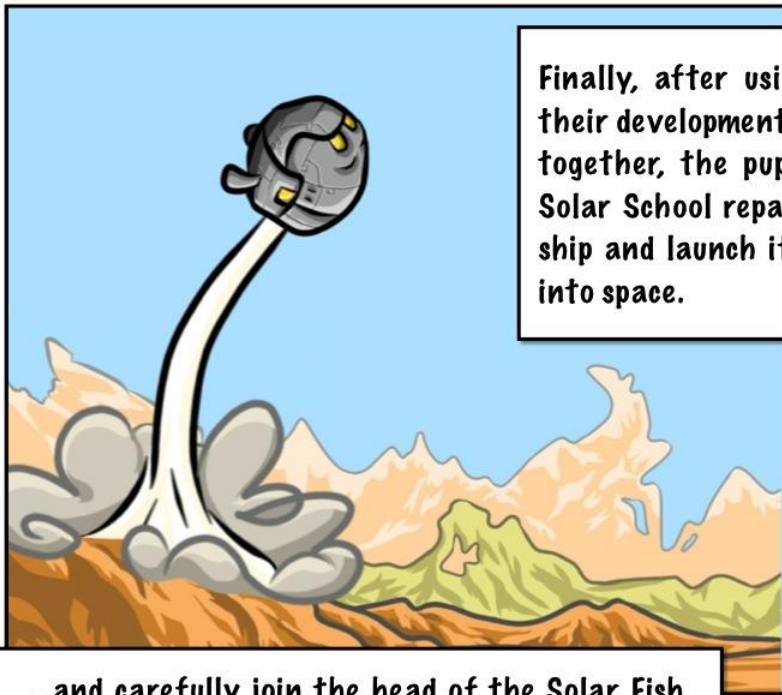
ORGANISATION Planning		Disagree → Agree				
		1	2	3	4	5
When planning, I think about what I want to achieve (target)						
When planning, I think about what needs to be done (actions)						
When planning, I think about time & things needed (resources)						
When planning, I think about what problems may happen (obstacles)						
Total score out of 20:						
My Target						

Research



Organisation

ORGANISATION Research		Disagree → Agree				
		1	2	3	4	5
I enjoy finding things out for myself						
I use lots of resources: Expert People; other's Experiences & Ideas; books, Internet, video						
I have clear direction with my research – I know what I want to find out and where I will find it						
My notes are clear and efficient – not just cut and paste						
Total score out of 20:						
My Target						

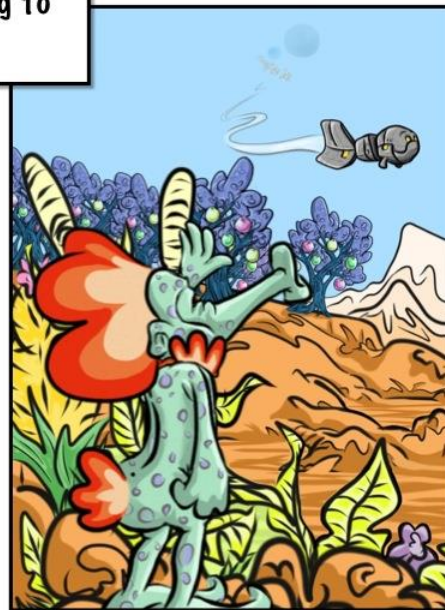


Finally, after using all their development skills together, the pupils of Solar School repair the ship and launch it back into space.



Thanks to their decision making, they safely navigate the meteor field...

...and carefully join the head of the Solar Fish with the main body, before briefly returning to the planet to wave goodbye.



Back in space, the staff and pupils of Solar School set a course and begin the long journey home.



Solar School pupils

The pupils are on a school trip around the universe when they crash land on Planet Ponng.



Solar School Powerbots

These robots help the pupils carry out many tasks.



The Solar Fish

This is the spaceship that carries the staff and pupils of Solar School around the universe.



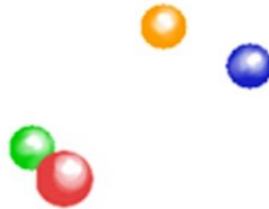
Ponngans

The Ponngans live on Planet Ponng and help the Solar School pupils repair their spaceship. They fly around on giant bugs.



Powerballs

These powerballs can be found on Planet Ponng and provide power and fuel for the spaceship.



Fruit Trees

The main food on Planet Ponng are special alien apples and pears. Be careful, the green and yellow apples are poisonous.



Aliens

These are some of the other types of aliens that live on Planet Ponng.



Giant Spiders

Giant spiders live on Planet Ponng, their webs are so strong they can be used as ropes.



Learning Skills for pupils

