



CHAT PACK

Land & Sky

TITLE	SYMBOL	THINKING	EXPLANATION
Alphabet			A way of sorting and building ideas using the alphabet as a list
Alternative			Exploring alternative ways of doing things; Thinking about what you could do if an regular element of something is missing
Attribute			Identify the features or attributes OR Think about what things could be sorted or grouped or classified
BAR			Make something new by Make 1 part Bigger Add 1 new thing Replace 1 thing
Brainstorm			Developing and growing ideas; Brainstorming encourages the sharing of <u>all</u> ideas and possibilities
Connections			Finding what is common or similar; Looking for connections that may be hidden or obvious
Expand			"How many ways can you...?" Expand your thinking Generate and analyse possibilities and hidden ideas
Formula			Create a recipe or formula showing what is need to create a object, event or thing

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CHAT PACK: ALTERNATIVE

Explore 3 different ways that you could help future historians understand your current life without images or digital records.

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CHAT PACK: ALPHABET

Create an alphabet about living and non-living things.

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CHAT PACK: BRAINSTORM

Brainstorm as many ideas as you can about things you would have to consider if you were traveling into space.

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CRITICAL & CREATIVE THINKING

You're wondering, problem finding, and investigating using the benefits of both critical and creative thinking. Using prior knowledge as a jumping off point to interesting new possibilities.

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CREATIVE THINKING

Thinking is big and adventurous. Focus on discovering exploring, creating. Generate ideas, contrasting, diverging, proposing possibilities, seeking patterns, speculative and imaginative.

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CRITICAL THINKING

Looking for connections and using knowledge Exploring and showing the purpose of things. Analysing, evaluating, interpreting and synthesising information. Exploring probability, developing hypothesis, using patterns.

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Chat packs are designed to be a pressure free opportunity for your child(ren) to develop speaking, listening and recording skills while sharing their current ideas and knowledge of a given topic. It is a great opportunity for peers, parents and teachers to bear witness to what can happen when creative and critical thinking can evolve as students' initiate conversations in styles and groupings of their choice. *The chat packs were inspired and have been adapted from Tony Ryan's Thinkers keys.*

An example of two children using their primary language to record ideas during chat pack time. These words were then later used in an ELS class as a translation inquiry. The students' primary language and prior knowledge were valued and uncovered a rich knowledge that could be shared in the class inquiry.



Invite your child(ren) to choose one card to focus on. As your child(ren) discuss ideas connected to the card, they should also be experimenting with different recording strategies.

- Make sure lots of recording tools and graphic organisers are easily accessible for your child(ren) to record ideas.
- While your child(ren) are discussing ideas, you can use this opportunity to gather and record topic specific terminology/vocabulary being shared by your child(ren). This can then be used to enrich word study or spelling tasks. In doing this you are making visible to your child(ren) that they value the prior knowledge and ideas being brought forward.
- New, interesting and important vocabulary and ideas can be explored and developed using word web resources.

Use the prompt and explanation pages to create your own cards relevant to your child's age and area of study.

[For full details on using chat packs as an inquiry strategy please see the strategy document for Chat Packs on the BeConWiz site.](#)

Understanding the “Chat Pack” cards...

Focus of chat pack set

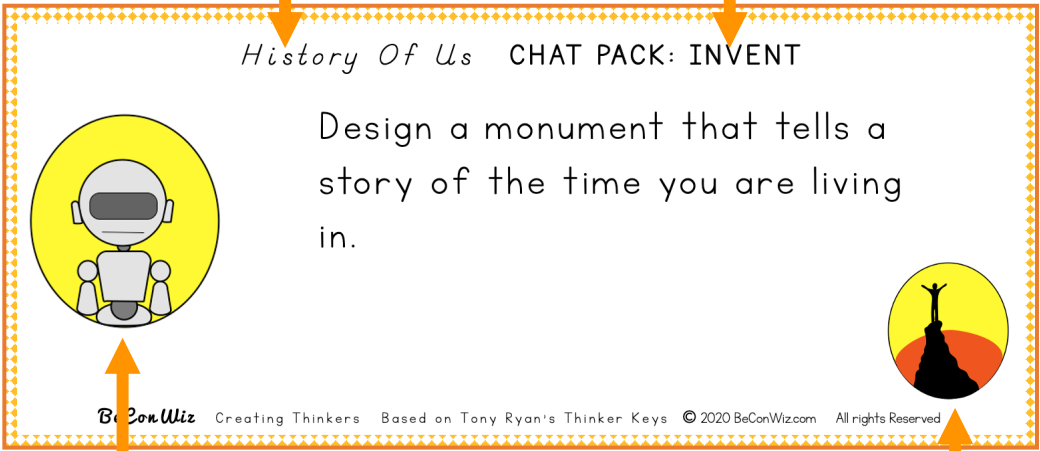
Title of task focus

History Of Us CHAT PACK: INVENT

Design a monument that tells a story of the time you are living in.

Symbol for the task focus

Symbol for creative thinking



Focus of chat pack set


Title of task focus

Land & Sky CHAT PACK: PROBLEMS & POSSIBILITIES

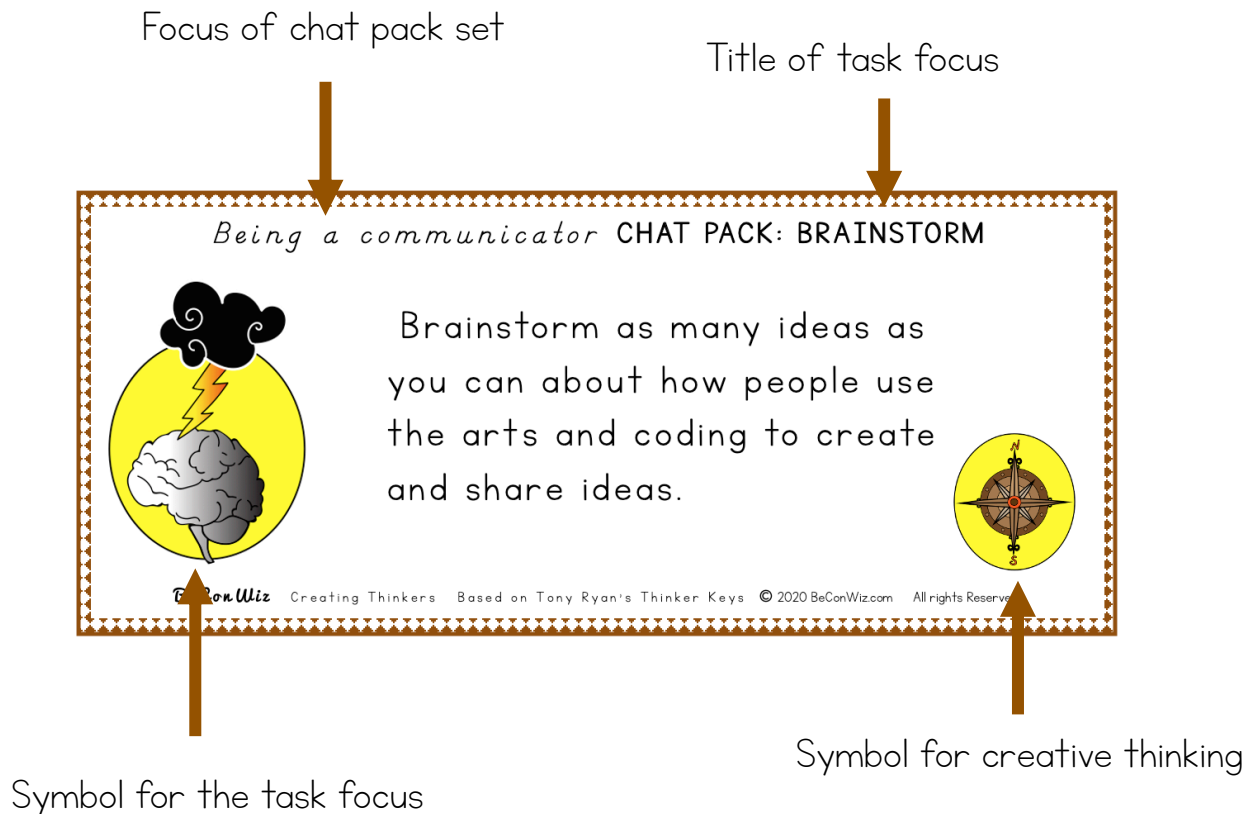
Investigate and discuss the positives and negatives of exploring space.

Symbol for the task focus

Symbol for critical thinking



Understanding the “Chat Pack” cards...



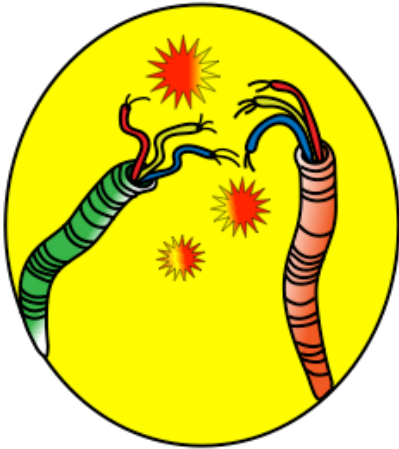
A copy and explanation of each symbol and thinking required is included at the end of this pack.



CREATIVE THINKING

Thinking is big and adventurous.
Focus on discovering exploring, creating.
Generate ideas, contrasting, diverging,
proposing possibilities, seeking patterns,
speculative and imaginative.

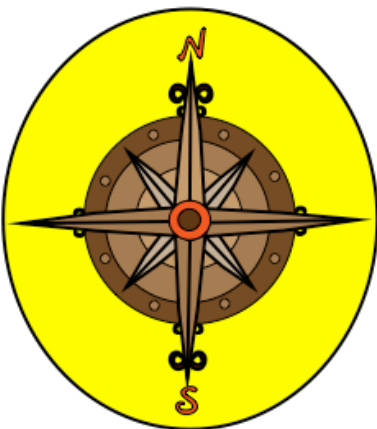
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CRITICAL THINKING

Looking for connections and using knowledge
Exploring and showing the purpose of
things.
Analysing, evaluating, interpreting and
synthesising information. Exploring
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CRITICAL & CREATIVE THINKING

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Land & Sky CHAT PACK: ALTERNATIVE

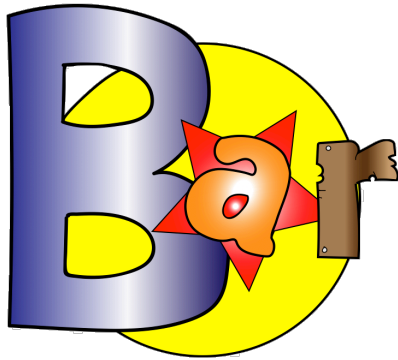


If people hadn't explored space, what are some different ideas they might have about explaining what they can see at night?



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Land & Sky CHAT PACK: BAR



Change clouds by

- Adding one new part
- Making one part bigger
- Replacing one part with something new



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Land & Sky CHAT PACK: CROSSING BOUNDARIES

How can you use what you know about numbers to help you understand what you see in the sky?



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Land & Sky CHAT PACK: FREE THOUGHT

Spend time looking at the sky
and then the ground.
What do these experiences
inspire you to do?



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Land & Sky CHAT PACK: GENERATE IMAGINE

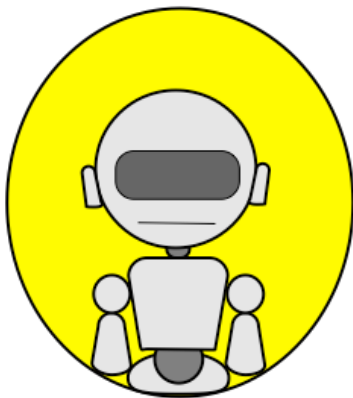
Generate: Things people use that come
from the earth.

Imagine: Something that can save
earth's resources.



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Land & Sky CHAT PACK: INVENT



Design an invention that helps
people understand more about
space and the universe.



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Land & Sky CHAT PACK: SUPPORT THE STRANGE

Use your wildest imaginings to think about how people might adapt to living underwater.



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Land & Sky CHAT PACK: UPSIDE DOWN

Creatively reimagine how you might use a mirror to understand more about land and sky.

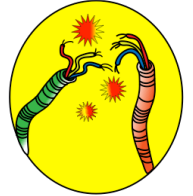


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Land & Sky CHAT PACK: ALPHABET

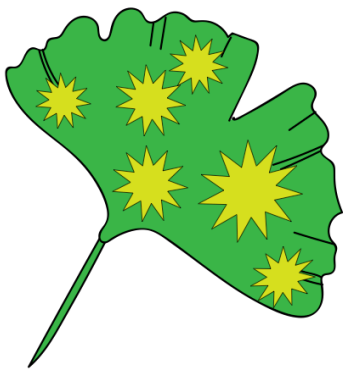


Create an alphabet that describes all the things that are connected to the sky and space around us.



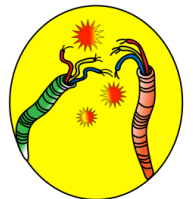
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Land & Sky CHAT PACK: ATTRIBUTE



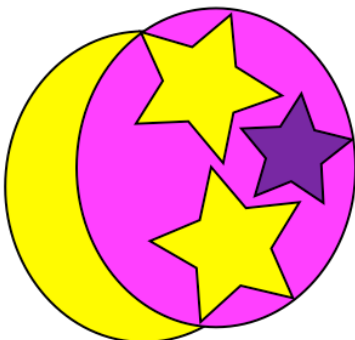
How are plants and animals the same or different?

- What special features do animals have?
- What special features do plants have?

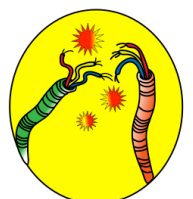


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Land & Sky CHAT PACK: CONNECTIONS



What are the ways stars and plants are connected?

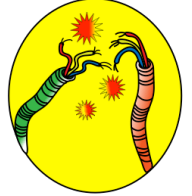


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Land & Sky CHAT PACK: PROBLEMS & POSSIBILITIES

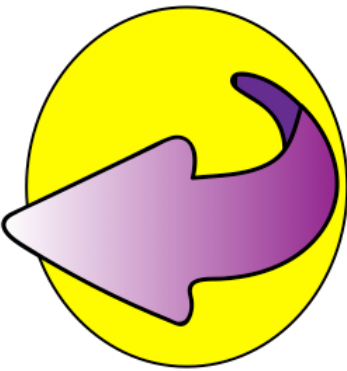


Investigate and discuss the positives and negatives of exploring space.

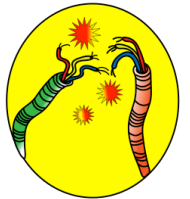


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Land & Sky CHAT PACK: REVERSE

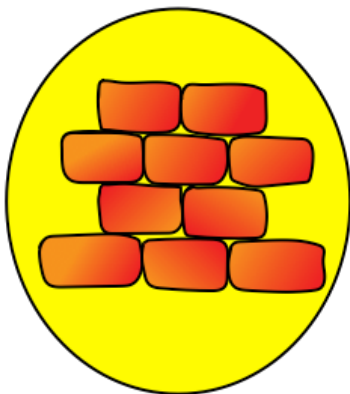


List 10 things that could never happen on Earth.



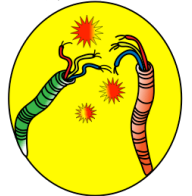
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Land & Sky CHAT PACK: PROVOKE



“Water is the most important resource on earth”

- Do you think this is true?
- What might people forget if they believe this?
- What other perspectives might there be about resources?



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Land & Sky CHAT PACK: BRAINSTORM

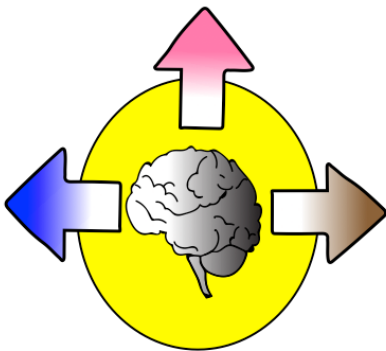


Brainstorm as many ideas as you can about the way people might think about earth's resources.



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Land & Sky CHAT PACK: EXPAND



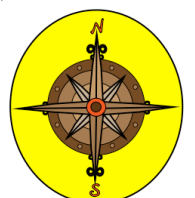
How many ways can people use weather to make choices?



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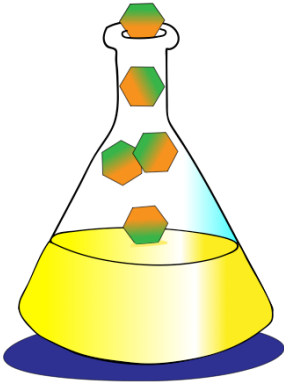
Land & Sky CHAT PACK:RANDOM

Choose a random colour.
Explore and discuss as many ways as possible that this colour might connect to the land and sky



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Land & Sky CHAT PACK: FORMULA



Create a process scientists should follow when finding out about the land and sky.



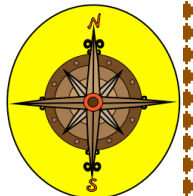
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Land & Sky CHAT PACK: MAKE IT WORK



Problem: We need to record information about clouds. How could you do this using

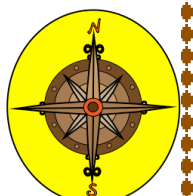
- Soap
- Mirrors
- Wheels



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Land & Sky CHAT PACK: POSE THE PROBLEM

Here is the answer "The Sky"
What could have happened that this answer that was needed?

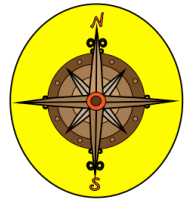


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Land & Sky CHAT PACK: PREDICT



What might future scientists discover about land and sky on earth and other planets?



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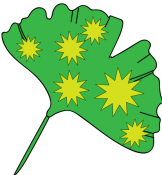

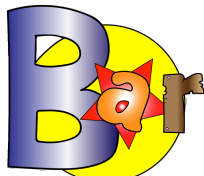


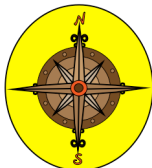
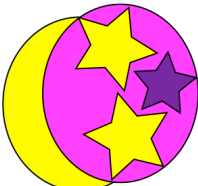

Land & Sky CHAT PACK: WHAT IF...


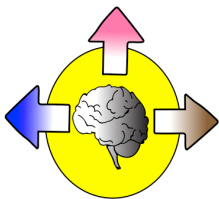
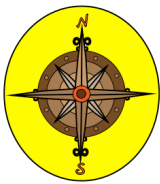
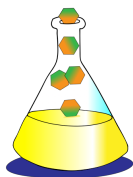
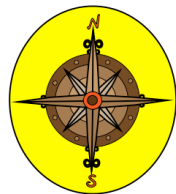


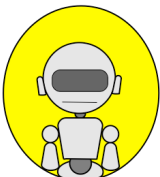



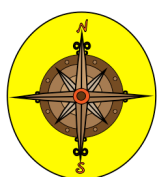



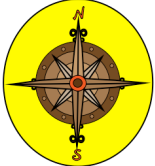

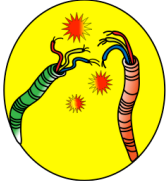
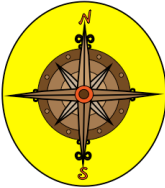
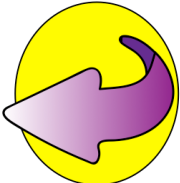
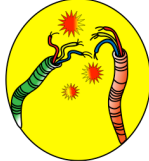
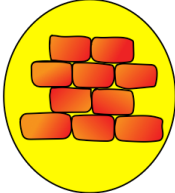




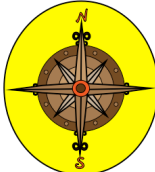
What if people were told they could no longer use soil or water as a resource?



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BAR			Make something new by Make 1 part Bigger Add 1 new thing Replace 1 thing
Brainstorm			Develop and grow ideas; Brainstorming encourages the sharing of <u>all</u> ideas and possibilities.
Connections			Find what is common or similar; Look for connections that may be hidden or obvious.

TITLE	SYMBOL	THINKING	EXPLANATION
Crossing boundaries			How can you use what you know in a new way? Learn to apply ideas and approaches from one domain into a seemingly unrelated context.
Expand			"How many ways can you...?" Expand your thinking Generate and analyse possibilities and make visible hidden ideas.
Formula			FORMULA Create a recipe or formula showing what is needed to create an object, event or thing
Free Thought			Use a stimulus to encourage your senses to explore and generate ideas (draw, write, build, etc) related to this experience.
Generate Imagine			Engage thinkers to both generate and explore ideas at the same time . Thinkers develop, imagine and evolve mental representations, then use them to develop something physical.
Invent			What could you make, design or invent to solve a particular problem?
Make it work			Use a set of unusual ideas or objects to solve a problem or address an issue.
Pose the problem			Think backwards -look at a possible scenario and instead of asking questions to which there is a correct answer, create a problem that might have created the answer.

TITLE	SYMBOL	THINKING	EXPLANATION
Predict			Think about the effects or perspectives that the future may hold about the past or will predict what the future might look like.
Problem & possibilities			List the good and bad points: Take binary positions about an idea
Random			Choose something random and find a way to connect to a given topic. Think about how this thinking might be used to solve a problem.
Reverse			Think in the opposite direction of a proposed position; propose the things that couldn't ever happen
Provoke			Identify an issue or position and all the ideas that suggest it is problematic or fantastic; use this to provoke and explore the deeper issues, problems or possibilities
Support the strange			Strive for the unusual and explore strange options. Use fantasy thinking. What is the strangest possibility that could be connected to a problem or situation?
Upside down			Take ordinary objects or experiences and creatively reimagine how they function or connect to other things. Thinkers need to turn ideas upside down.
What if...			Generate ideas and make visible new possibilities or propose/ engage with potential actions

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'BCW will now use 'they - themselves' as a singular, gender-neutral pronoun in all material and resources generated. Just as the use of 'he - man' disappeared women's voice and identity, use of the binary 'she - he' and related pronouns has disappeared and rendered voiceless marginalised groups that do not identify with the 'he -she' pronouns. Until some wider grammatical agreement has been reached about what pronouns will be used to embrace the diversity of gender experience, in text we will use 'they - themselves' in our materials. Given that words/language create reality, using language that is acknowledging and inclusive of all people who identify across a wide gender spectrum is an issue of power, politics, respect and visibility. "