

All About The Circular Economy Mark Scheme

This mark scheme is a rough guide and is not meant to be definitive. Take some time to discuss the answers with your class – if they can explain their answers and back it up with evidence from the text then they might just have found something that I didn't!

Q1: waste (1 mark)

Q2: Accept plausible contextual synonyms/definitions such as 'use'; accept non-contextual synonyms/definitions such as 'eat up' (1 mark)

Q3: humans should learn from nature (1 mark)

Q4:

	Evidence
Humans don't mend things when they break.	'we tend to bin the old one' and/or 'we buy a brand-new one'
Buying the latest phone is bad for the environment.	'we're running out of resources to make new things' and/or 'we're producing too much toxic waste'

(1 mark for one cell correct; 2 marks for both cells correct)

Q5: To explain what a circular economy is in a way that is easy to understand; to illustrate/depict how a circular economy is like a circle (1 mark)

Q6: So that they can be repaired more easily; so that their precious metals/materials can be reused or returned safely to nature (1 mark)

Q7: to use materials for as long as possible (1 mark)

Q8: sturdy (1 mark)

Q9a:

	Provided by Repair Cafés	Not provided by Repair Cafés
broken things		✓
tools	✓	
advice	✓	
furniture		✓

(1 mark for table correctly completed)

Q9b: using the internet/website repaircafe.org/en/ (1 mark)

Q10: clothes should last a long time (1 mark)

Q11:

	True	False
You can get rid of bicycles on Freecycle.	√	
You could find furniture advertised on Freecycle.	√	
You would have to deliver the things you wanted to get rid of.		√

(1 mark for table correctly completed)

Q12: They use less crude oil than normal/other companies (1 mark)

Q13:

Items made using CO2 now	Items made using CO2 in the future
Any 2 of the following: Environmentally friendly plastic, cardyon, flexible foams, mattresses, adhesive (glue), elastic sports floors	Any 2 of the following: Elastic textile fibres, colourful socks, medical textiles, bandages

(1 mark for 2 or 3 examples, 2 marks for all 4 examples)

Q14: Award 2 marks for an explanation of how Covestro/cardyon uses a waste product (CO2 gas) to make new/useful material (1 mark) and that this is an example of recycling and reusing so that fewer natural resources are used (1 mark)

(17 marks in total)

Louisiana's Way Home Mark Scheme

This mark scheme is a rough guide and is not meant to be definitive. Take some time to discuss the answers with your class – if they can explain their answers and back it up with evidence from the text then they might just have found something that I didn't!

Q1: 3 a.m. Do not accept 'the middle of the night' (1 mark)

Q2: She says 'we must leave immediately'; she says 'hurry, hurry'; she says 'there is no time for stargazing' (1 mark for any 2 of these 3 possible answers)

Q3:

What Louisiana thinks when they leave	That this was a middle-of-the-night idea and that Granny would think better of it (that they would come back home) – because this had happened before;
What Louisiana knows later on	That they were leaving for good (weren't coming back)

(2 marks – 1 mark for each cell completed correctly)

Q4: They had nearly driven into another state; the sun was now bright and they had left at 3 a.m. in the night/morning (1 mark)

Q5: cares too much about her appearance (1 mark)

Q6:

She loves space/stars/astronomy	Stars are mentioned several times eg 'Oh, there were so many stars!'; 'I noticed some of the stars...'; 'I pointed out the starry Pinocchio to Granny...'; '...making them look like glow-in-the-dark stars...'; 'I love stars'; 'Oh, how I wish that someone had pasted glow-in-the-dark stars on our windscreen!'
She is trusting/ thinks she knows her Granny very well	She doesn't question Granny, trusting her that she wouldn't actually take them away from home forever eg 'So I got in the car...'; 'I did not think to look behind me'; 'This has happened before. Granny has many middle-of-the-night ideas'; 'I thought...she would think better of the whole thing'; also evidenced by the fact that she asks 'when are we going to turn around...?'
She is obedient/does what her Granny says/follows orders/well behaved	She does as her Granny says eg 'So I got in the car...'
She is matter-of-fact/says things as they are/forthright/truthful/honest	The text is narrated by her and she includes honest opinions and facts eg '...her eyesight is not very good and she is too vain to wear glasses...';

Award 3 marks for two acceptable points, at least one with evidence. Award 2 marks for either two acceptable points, or one acceptable point with evidence. Award 1 mark for one acceptable point.

(3 marks)

Q7: Granny loves her/is fond of her/cares for her (because she calls her 'my darling') (1 mark)

Q8: Granny had taken Archie from her before; Granny does not say what has happened with Archie ('provisions have been made'; 'the cat is in good hands') and evades/dodges the question with answers that don't really answer the question; Granny had said the same things last time when she had taken Archie.

Award 2 marks for 2 or more of the above points; award 1 mark for one of the above points

(2 marks)

Q9: That she should get out of the car (and go back) (1 mark)

Q10: listen to others (1 mark)

Q11: intervened (1 mark)

Q12:

Louisiana has been controlled by Granny	Reference to Granny making her leave home on more than one occasion; Granny making her leave behind the things she loves (cat, dog, friends); Granny refusing to stop the car
Louisiana has not always been happy with her life with Granny	Reference to Granny making her leave home on more than one occasion; Granny making her leave behind the things she loves (cat, dog, friends)
That life with Granny has contained some good things	Reference to her having pets and friends and a home that she doesn't want to leave
That life with Granny has been unpredictable/unsettled	Reference to Granny making her leave home on more than one occasion; Granny making her leave behind the things she loves (cat, dog, friends)

Award 3 marks for two acceptable points, at least one with evidence. Award 2 marks for either two acceptable points, or one acceptable point with evidence. Award 1 mark for one acceptable point.

(3 marks)

(18 marks in total)

Dr Jane Goodall Interview Mark Scheme

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Q1:

	Evidence
Dr. Jane Goodall is very well known.	'living legend'
Dr. Jane Goodall's work is very important.	'groundbreaking...studies'; '...changed the way we think about wildlife...'; '...changed the way we see our closest animal cousins'

(2 marks – 1 mark for each cell completed correctly)

Q2: Primatologist; conservationist; campaigner (1 mark)

Q3: Wild chimps behave differently to captive chimps (1 mark)

Q4: someone who studies non-human primates such as monkeys, lemurs and gorillas (1 mark)

Q5: to go to Africa; to live with wild animals; to write books about wild animals (Award 1 mark for 2 or more of these answers)

Q6:

	True	False
Jane was told she should name chimps.		✓
Jane was told chimps shouldn't be numbered.		✓
Jane was told she couldn't talk about chimps' emotions.	✓	
Jane was told that only humans had personalities.	✓	

(1 mark for all correct)

Q7: separate (1 mark)

Q8: he lost his fear of her; allowed her to follow him into the forest; he demonstrated making and using tools; he was handsome; he was gentle but determined. (1 mark for 2 of the above points; 2 marks for 3 of the above points)

Q9: understand how other chimps are feeling; know when other chimps need help (1 mark)

Q10:

	True	False
Chimps are never aggressive towards each other.		✓
Chimps are similar to humans in some ways.	✓	
Our understanding of chimps has changed over the years.	✓	
Women should not be allowed to study chimps in Africa.		✓

(Award 2 marks for table completed correctly; award 1 mark for 3 cells completed correctly)

Q11: join Roots and Shoots; don't give up trying; keep your ears open for opportunities (Award 2 marks for all three; award 1 mark for 2 of the above points)

Q12: Reference to the fact that NGK always replies to what Jane says before asking the next question (1 mark)

Q13:

Dr Jane Goodall loves her job/is enthusiastic about her job	Reference to Jane wanting to do this job since she was a child; to how Jane talks knowledgeably, at length about her work with a clear love for the chimps she studies
Dr Jane Goodall finds her job challenging/sometimes her job makes her sad	Reference to people telling her she was doing her job wrong; to people telling her that her childhood dreams were unachievable; to there being sad parts, such as discovering that chimps are capable of violence and aggression; to the use of words such as 'sadly'; 'unfortunately'.
Dr Jane Goodall is determined to do a good job/to make sure that her job helps other people to understand chimps	Reference to phrases such as 'I helped people...'; 'Helping people to understand...';

Award 3 marks for two acceptable points, at least one with evidence. Award 2 marks for either two acceptable points, or one acceptable point with evidence. Award 1 mark for one acceptable point.

(3 marks)

(19 marks in total)

The City of Secret Rivers Mark Scheme

This mark scheme is a rough guide and is not meant to be definitive. Take some time to discuss the answers with your class – if they can explain their answers and back it up with evidence from the text then they might just have found something that I didn't!

Q1: Any two of the following: England; Illinois; London (1 mark)

Q2: a lot (1 mark)

Q3: their bags: were heavy; the stairs: were steep/long (2 marks)

Q4: because of what they call the different floors of buildings eg the second floor is called the first floor. (1 mark)

Q5:

Aunt Polly is busy/successful in her job/important	Reference to Aunt Polly's not being there to meet them; having more than one company in Tokyo; Aunt Polly being the one who needs to fix the problems
Aunt Polly thinks work is more important than family	Reference to Aunt Polly's not being there to meet them; not being back for a month or two
Aunt Polly loves Cleo and Hyacinth/is kind to them	Reference to her apology; to her request for them to make themselves feel at home; her signing off with 'love'

Award 3 marks for two acceptable points, at least one with evidence. Award 2 marks for either two acceptable points, or one acceptable point with evidence. Award 1 mark for one acceptable point.

Q6:

Aunt Polly is usually organised.	'Even when she had a million different things going on at once... Aunt Polly never missed a single detail'
Hyacinth thinks something is wrong.	'That was strange'; 'Flying off at the last minute was totally unlike her'

(2 marks – 1 mark for each cell completed correctly)

Q7: because mum was worried they would depend on Aunt Polly too much (1 mark)

Q8: because Grandma always gave the best presents (1 mark)

Q9: Hyacinth likes history; she is good at plumbing; she had moved to London (therefore the book suited her) (1 mark for two of the above points)

Q10: predict (1 mark)

Q11: puzzled (1 mark)

Q12:

She knows Hyacinth well	Reference to the fact that she buys/bought her good/suitable presents; 'she'd never given a me a bad present'
She likes giving presents/is thoughtful	Reference to Grandma having bought presents in the past and having bought a present for Hyacinth to open when she got to London; to the present being gift-wrapped; to the fact that she buys/bought her good/suitable presents; 'she'd never given a me a bad present'; 'Grandma always gave the best presents'
She is knowledgeable/wise/clever	Reference to Grandma knowing that Hyacinth and her mother were heading into danger; '...Grandma knew about real danger...';
She is capable of doing magic/tricks	Reference to the content of the letter changing
She cares about Hyacinth and her mother	Reference to the warning and the content eg '...I have done what we can to prepare you.'

Award 3 marks for two acceptable points, at least one with evidence. Award 2 marks for either two acceptable points, or one acceptable point with evidence. Award 1 mark for one acceptable point.

(18 marks in total)

What is a Bushfire? Mark Scheme

This mark scheme is a rough guide and is not meant to be definitive. Take some time to discuss the answers with your class – if they can explain their answers and back it up with evidence from the text then they might just have found something that I didn't!

Q1: Accept either 'fires that burn through areas of bushland' or 'a type of wildfire' (1 mark)

Q2: Accept either 'fires that burn through wild vegetation (like woodland, scrubland, grassland or savannahs)' or 'fires are unpredictable and difficult to control' (1 mark)

Q3: unpredictable (1 mark)

Q4: ignites (1 mark)

Q5: bushfires are intensified by climate change. (1 mark)

Q6: Any two of the following: Flames can kill insects and diseases that harm trees; burn dead or decaying debris on the ground which helps return nutrients to the soil; they make space for new shoots to grow; they allow more sunlight to reach the ground; they create a valuable food source and new habitat for animals and birds (2 marks; award 1 mark for one acceptable point)

Q7:

	Evidence
Some people who start bushfires do not mean harm.	Sometimes, people who look after wild areas will start a controlled fire to help manage the land. These fires are carefully planned and monitored to make sure that they don't put anyone at risk of danger Or Traditionally, the First Nations People of Australia used fire to manage the landscape, encourage new growth and help them hunt.
Bushfires are sometimes beneficial to the land.	Controlled fires help to prevent large-scale, out-of-control bushfires by clearing dry leaves, grasses and branches that could fuel a potential fire, in a controlled way. Or any of the relevant points from paragraph 1 – see Q6 answers

(2 marks for correct piece of evidence for both points; award 1 mark for one correct piece of evidence)

Q8: To explain that bushfires aren't always bad and that there are some positive outcomes of bushfires (1 mark)

Q9: flames can burn through buildings; breathing in the smoke from fires can be harmful. (2 marks; award 1 mark for one acceptable point)

Q10: anyone can help to prevent bushfires (1 mark)

Q11:

	Charities	Me	Charities and Me
Hold a bake sale to raise money		√	
Look after wildlife			√
Support affected children	√		
Educate others		√	

(Award 2 marks for table completed correctly; award 1 mark for 3 cells completed correctly)

Q12: heat/sunlight; predators/other animals (2 marks; award 1 mark for one acceptable point)

Q13:

	True	False
Wildfires can occur in the USA	√	
Bushfires are always started by humans		√
Bushfires can be helpful to animals	√	
Bushfires only burn plants and trees		√

(Award 2 marks for table completed correctly; award 1 mark for 3 cells completed correctly)

Q14a: They kill insects and diseases that harm trees; they burn dead or decaying debris on the ground which helps return nutrients to the soil; they make space for new shoots to grow; they allow more sunlight to reach the ground; they create a valuable food source and new habitat for animals and birds; they help manage the land by clearing dry leaves, grasses and branches that could fuel a potential fire, in a controlled way. (1 mark)

Q14b: They cause damage to buildings and vegetation; they kill/harm animals and humans (1 mark)

(21 marks in total)

Floodworld Mark Scheme

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Q1: Post Office and Supermarket (1 mark)

Q2: carefully (1 mark)

Q3: The sign said R X Y C EMA; it had red carpets; there were film posters on the walls; the room was full of chairs facing in one direction; there was a flat, white wall (a screen); a sign says 'screen one' (1 mark for any two of these points)

Q4: 'school' is the collective noun for fish; he is underwater and they are silver so they could be fish; their movement is described as darting which is the way fish move in water (1 mark for any of these points)

Q5:

Impression	Evidence
It is a scary/spooky/creepy place	"This place was starting to give him the creeps." "He felt his heartbeat quicken."
It is a dangerous place	"It wouldn't take much, a rotted roof beam or a rusted girder, and he'd be trapped, crushed in the rubble or buried alive until his air ran out." "The life of a Beef was getting riskier all the time." "A sea snake wound into the darkness, undulating bands of yellow and black."
It is a mysterious place to Joe	"Joe wondered why people would come in here to sit and stare at nothing." "He wondered what kind of place it had been, this cinema."

(Award 3 marks for two acceptable points, at least one with evidence. Award 2 marks for either two acceptable points, or one acceptable point with evidence. Award 1 mark for one acceptable point.)

Q6:

Joe's thoughts about being a Beef	That it is dangerous
Joe's thoughts about people from the past	That they did strange things that he didn't understand

Booklet 2 Mark Scheme

(2 marks; 1 mark for one correct answer)

Q7: (An exclusive) action figure (1 mark)

Q8: Because water had got into the class case/machine and would have damaged what was inside/the action figure he was looking for (1 mark)

Q9: plastic (1 mark)

Q10: a lot of money (1 mark)

Q11: his torch (1 mark)

Q12: scrabbled (1 mark)

Q13:

Impression	Evidence
The relationship is unequal: Colpeper forces Joe to do things/Colpeper does not tell Joe everything	"the word Colpeper had <u>made</u> him memorise." "And yet someone inside the City – a collector, Colpeper had called him – was willing to pay serious money for them."
The relationship is one between a boss and an employee: Colpeper gives Joe very clear instructions	"A sign read SCREEN ONE just like Colpeper said."
The relationship is not caring: Colpeper put Joe in danger	"It wouldn't take much, a rotted roof beam or a rusted girder, and he'd be trapped, crushed in the rubble or buried alive until his air ran out." "A sea snake wound into the darkness, undulating bands of yellow and black." "Maybe this collector didn't know that someone like Joe would end up risking his life to get them"
Colpeper is unkind	"Colpeper had been very clear – any damage and the sale would be off." "The only thing left was to head back up and break the news to his boss. Hopefully Colpeper was in a forgiving mood."

(Award 3 marks for two acceptable points, at least one with evidence. Award 2 marks for either two acceptable points, or one acceptable point with evidence. Award 1 mark for one acceptable point.)

(18 marks in total)

Tutankhamun: Treasures of the Golden Pharaoh Mark Scheme

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Q1: 100 years (1 mark)

Q2: burial site (1 mark)

Q3:

	Evidence
King Tut's treasure is very valuable.	"golden coffin surrounded by 5,000 <u>priceless</u> treasures"
No one really knows how King Tut died.	"the cause of his death remains a mystery today"

(2 marks for correct piece of evidence for both points; award 1 mark for one correct piece of evidence)

Q4: To explain who found the tomb and how it was found (1 mark)

Q5: reference to both: a cup (etched with the name of an obscure pharaoh – Tutankhamun); a stair (carved into the rock) (1 mark)

Q6: other ancient tombs had been raided (1 mark)

Q7: the death of Lord Canarvon (1 mark)

Q8: Wooden guardian statue of the king (1 mark)

Q9: process (1 mark)

Q10:

	True	False
Experts think that Tutankhamun slept on the bed.		√
Ancient Egyptians believed in the afterlife.	√	
King Tutankhamun was asleep, not dead.		√
Figures were carved onto the bed to scare away babies.		√

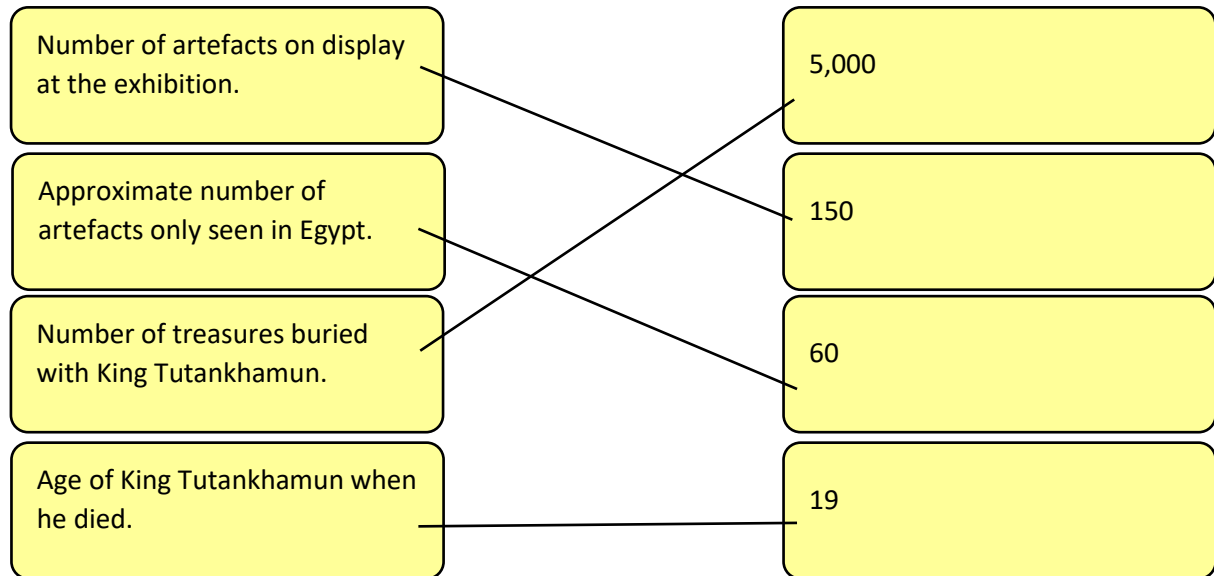
(Award 2 marks for table completed correctly; award 1 mark for 3 cells completed correctly)

Q11: some people believe the trumpets are magical (1 mark)

Q12: "Finding Tut's tomb"; "(King Tut for short!)" ; " Wow!"; "Eeeek!"; "Would you have dared mess with it?!" ; "Sweet dreams!"; "Spooky!" (1 mark)

Q13: It was the only Ancient Egyptian royal tomb ever found intact; it contained many treasures; it had been difficult to find; King Tutankhamun had been previously little known (2 marks; award 1 mark for one acceptable point)

Q14:



(Award 2 marks for correct completion; award 1 mark for 2 correct matches)

(18 marks in total)

Juliane Koepcke: The Girl Who Fell From The Sky Mark Scheme

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Q1: flashes of lightning/a storm (1 mark)

Q2: scared (1 mark)

Q3: Because her mother died in the crash (1 mark)

Q4: the plane (1 mark)

Q5:

Feeling	Evidence
Shocked	"With a shock the teenager realised she was somehow outside the aeroplane"
Scared	"With nothing around her but the rush of cold air, she was plummeting down towards the jungle." "It was petrifying"
Overwhelmed	"she must have passed out immediately"

(Award 3 marks for two acceptable points, at least one with evidence. Award 2 marks for either two acceptable points, or one acceptable point with evidence. Award 1 mark for one acceptable point.)

Q6:

On Christmas Eve	She is on the plane, she falls out of the plane, she passes out, she lands strapped to her seat.
On Christmas Day	She wakes, strapped to her seat, wedged in the ground. She realises she has survived. She begins to find a way to safety.

(2 marks; 1 mark for one correct answer)

Q7: it is struck by lightning (destroying a fuel tank, a wing and the fuselage) (1 mark)

Q8:

	True	False
Juliane survived an air disaster.	✓	
Juliane didn't break any bones.		✓
Juliane could still walk.	✓	
Juliane wanted to get to safety.	✓	

(Award 2 marks for table completed correctly; award 1 mark for 3 cells completed correctly)

Q9: She knew it wasn't as dangerous as people like to think; she knew it was important to keep a cool head and not do anything foolish (1 mark)

Q10: Lost shoe; lost glasses; not dressed for the jungle; her various injuries. (1 mark for 3 correct answers)

Q11: startled (1 mark)

Q12:

She finishes her bag of sweets (5)

Insects drop onto her skin and hair (1)

She follows a stream (2)

The temperature drops at nightfall (3)

She sits shivering listening to rainforest sounds (4)

(Award 2 marks for correct completion, award 1 mark for 3 correct answers)

Q13:

Impression	Evidence
She is clever/knows how to survive	<p>"Despite the trauma of this experience, she realised at once what had happened"</p> <p>"Koeppcke had learned enough about the jungle"</p> <p>She was able to survive despite the circumstances (injuries, being alone etc)</p> <p>"HansWilhelm had taught his daughter some useful survival tips"</p> <p>"Koeppcke also knew that jungle settlements tend to be built on rivers, so if she stayed near water she would stand a better chance of meeting someone and finding help."</p> <p>"when she came to a small stream she decided to follow it."</p>
She is brave	Any reference to the fact that, despite being alone and injured, she persevered in order to survive.
She is hopeful/optimistic	"she was thrilled to hear an aircraft circling overhead"

(Award 3 marks for two acceptable points, at least one with evidence. Award 2 marks for either two acceptable points, or one acceptable point with evidence. Award 1 mark for one acceptable point.)