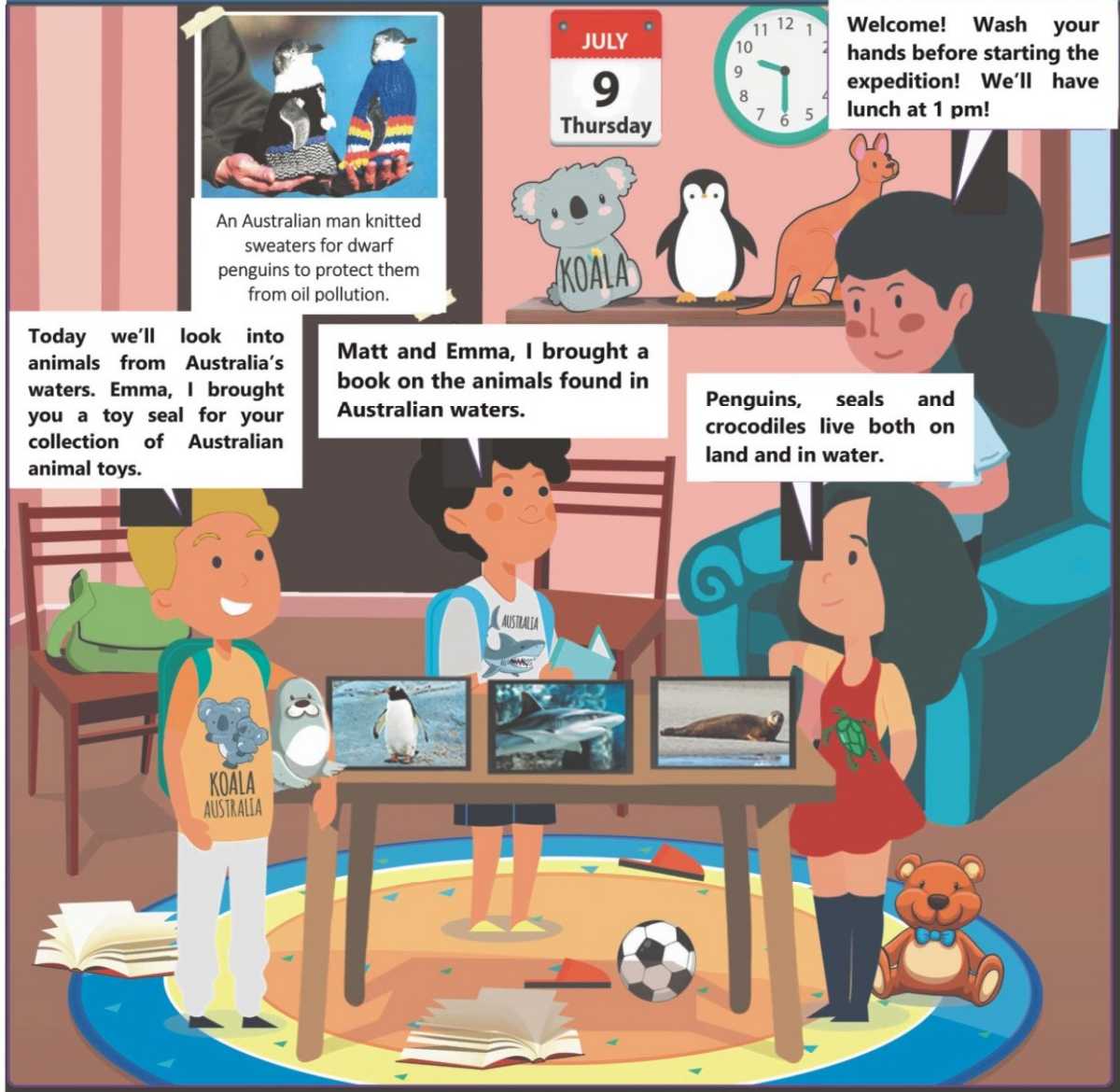


**ALL QUESTIONS WORTH 4 POINTS**

Emma, Matt and Tic take a virtual trip to Australia. You should know that, in the virtual world, scientists don't have to travel thousands of kilometers under the hot sun, in the rain or blizzard. It is enough for them to know what they're looking for and to go online and gather interesting information. This kind of virtual expedition began at Emma's house, three days ago. They found out that in Australia it is summer, when here it is winter.



# 13<sup>th</sup> INTERNATIONAL KANGAROO SCIENCE CONTEST 2020

Ecolier Level (Class 3 & 4)

Time Allowed: 90 minutes

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**1. When the events from the picture take place, it is winter in Australia, and in Europe it is...**

- A) spring  
D) winter
- B) summer  
E) june
- C) autumn

**2. When did the children begin their virtual expedition?**

- A) Thursday, July 9  
D) Thursday, July 8
- B) Tuesday, July 7  
E) Monday, July 7
- C) Wednesday, July 9

**3. An Australian man dressed dwarf penguins in sweaters so that...**

- A) they don't catch a cold  
C) he can play with them  
E) they keep warm
- B) they are protected from pollution  
D) they don't get wet

**4. How much time do the children have to research the sea creatures of Australia?**

- A) 2 hours  
D) 3 hours and 30 minutes
- B) an hour  
E) 4 hours
- C) 3 hours

**5. On the left screen there is an image of...**

- A) a kangaroo  
D) a seal
- B) a shark  
E) a crocodile
- C) a penguin

**6. What objects are lying around on the floor?**

- A) books, ball, clothes, teddy bear  
C) shoes, ball, slippers, teddy bear  
E) books, ball, seal, teddy bear
- B) books, ball, slippers, teddy bear  
D) books, ball, slippers, penguin

**7. Which toy did Emma receive from Matt?**

- A) a teddy bear  
D) a kangaroo
- B) a crocodile  
E) a penguin
- C) a seal

**8. Tic also found information about animals from Australia...**

- A) in a book  
D) on TV
- B) from his grandparents  
E) at the opera
- C) in a movie





The children found The Sydney Aquarium on the internet. In the aquatic world we find all kinds of animals: fish, oysters, reptiles, birds. Fish of all sorts reproduce by roe. Whales, unlike fish, give birth to live young. Although penguins do not have feathers and do not fly, but they are classified as birds. Birds, octopuses and reptiles reproduce by laying eggs. Whales, sea lions and the great white shark are endangered species, being excessively hunted for meat, fat or skin.

**The little blue penguin** is the smallest penguin species. It can reach up to 40cm and weights 1kg. There's a grey-blue stripe on its back. It lives in very large colonies.



**The royal penguin** is the most colorful penguin. It stands out by the yellow feathering on the head and its white cheeks. It can reach up to 70cm and weights 8kg. It lives in colonies.



**The Australian sea lion** is a mammal that prefers sandy beaches in secluded bays. They gather in colonies on land. It can reach up to 3m in length and 300kg in weight.



**The great white shark** lives in the Australian waters up to 70 years. It can reach 6 m in length and 2000kg in weight. It has several rows of triangular teeth. The great white shark leads a solitary life.



**The saltwater crocodile** is the largest reptile in the world and the biggest terrestrial predator. It can have up to 7m and 1900kg. The crocodile can live in salt water, but it usually stays where the rivers flow into the ocean. It can be found from Asia to Australia.



**The southern right whale** can reach up to 90 tonnes and 18m. It can live to 100 years. In the winter, it migrates north. The whale population is currently estimated at 10,000. Whales feed on plankton, namely microscopical organisms that live in the ocean.



**The octopus** is a mollusc that has a sack-shaped body, a mouth with strong jaws, two big eyes and 8-10 limbs (tentacles) with suction cups. The largest captured octopus had 272kg and 9m – long tentacles. Octopuses feed on oysters, fish, crabs.



**The clownfish** is bright orange with three white stripes. It reaches up to 9cm in length and lives in large groups. The clownfish lives in hidden places among rocks. It gets along very well with other fish species in an aquarium. The clownfish feeds on both algae and meat.



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**13. How many animals in the picture live on land as well as in water?**

- A) 7  
D) 5
- B) 3  
E) 6
- C) 4

**14. Which of the animals from the picture can weigh 40 tonnes?**

- A) the great white shark  
C) the saltwater crocodile, the whale  
E) the octopus, the great white shark
- B) the whale, the great white shark  
D) the whale

**15. How many animals from the pictures live in large groups (colonies)?**

- A) 2  
D) 5
- B) 3  
E) none
- C) 4

**16. Which of the animals from the pictures are mammals, namely they give birth to live young?**

- A) the sea lion, the whale  
C) the sea lion, the saltwater crocodile  
E) the blue penguin, the great white shark
- B) the royal penguin, the whale  
D) the octopus, the whale

**17. Which of the animals from the pictures reproduce by laying eggs?**

- A) the whales, the crocodiles, the octopus  
B) the penguins, the clownfish, the octopus  
C) the penguins, the crocodiles, the whales  
D) the sharks, the crocodiles, the octopus  
E) the penguins, the crocodiles, the octopus

**18. How many animals from the picture reproduce by roes?**

- A) 2  
D) 5
- B) 3  
E) none
- C) 4

**19. What animal from Earth can reach the largest size?**

- A) the elephant  
D) the crocodile
- B) the whale  
E) the octopus
- C) the shark

20. What's the name of the smallest penguin species?

- A) the blue penguin                      B) the royal penguin                      C) the white penguin  
D) the clown penguin                      E) the crested penguin

21. What are the three heaviest animals in the pictures, in increasing order of their weight?

- A) the sea lion, the great white shark, the whale  
B) the crocodile, the great white shark, the whale  
C) the crocodile, the octopus, the whale  
D) the whale, the great white shark, the crocodile  
E) the great white shark, the crocodile, the whale

22. What are the three largest animals in the pictures, in decreasing order of their length?

- A) the octopus, the whale, the crocodile  
B) the crocodile, the whale, the octopus  
C) the whale, the octopus, the crocodile  
D) the whale, the great white shark, the crocodile  
E) the great white shark, the whale, the crocodile

23. Some animals illustrated in the pictures are endangered species because...

- A) they reproduce by roes                      B) they have been hunted  
C) they reproduce by eggs                      D) they have natural enemies (other animals)  
E) of climate change

24. The animals that don't live in water are...

- A) sharks    B) penguins    C) octopuses  
D) koala    E) whales

