



Statistics

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Page 1

- Sample answers:
 there are 6 kids
 there are 4 people with glasses.
- **b** Sample answers:
 - who can drive a car
 - who has pets
 - who has a brother or sister.

Page 2

- 1 Sample answer: animals with legs/ animals without legs.
- 2 Sample answer: animals with fur/ animals with feathers/animals with fins.
- 3 Answers will vary.

Page 3

1a Question 1: William forgot to include the beach in his question.

Question 2: This question will get too many different answers.

b Sample answer: Where would you like to go for the end of season party: the beach, the movies or bowling?

Page 4

What we want to find out:

Do you have any brothers?

What to do:

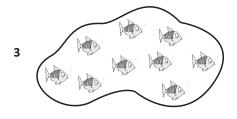
Answers will vary.

What to do next:

Answers will vary.

Page 5

- 1 ++++ |||
- 2 ++++ ++++ |||



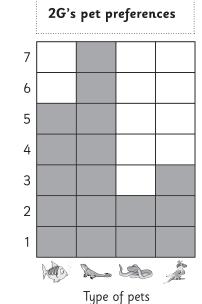
Page 6

What to do: Teacher check.

What to do next: Answers will vary.

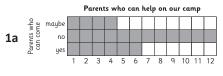
Page 7

1a, b

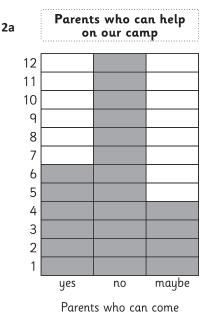


- c lizard
- d snake
- e Yes, because the columns make it easy to compare.

Pages 8–9



- **b** Answers will vary.
- **c** 6 + 4 = 10; 10 parents will come.



- **b** Yes.
- c Parents who can help on our camp
- **d** So you can see what the data is showing.
- **3** Teacher check.

Pages 10–11

What to do:

Answers will vary.

What to do next:

- a-d Answers will vary;
- e Teacher check

Page 12

- 1 chocolate
 - 8

20 Strawberry because they are the least popular Yes

Page 13

- 1a Yes
- **b** Yes
- c No
- 2a Answers will vary.
- b Sample answers: We don't have enough information to say this. Maybe Science and PE weren't included as options. OR Maybe people like them but they're not favourites.



es

Page 14

- 1a No, because the categories are all after 9 pm.
- **b** Include times that are earlier than 9 pm.
- 2a No, because he did not ask the whole class.
- **b** Ask the whole class and have a variety of movies.

Page 15

What to do:

Teacher check.

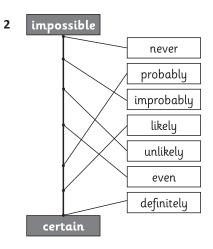
What to do next: Answers will vary.

Page 16

- 1 Answers will vary.
- 2 Yes, Yes, No
- 3 No, Yes, No

Page 17

1a-c Answers will vary.



Page 18

1a Teacher check.

- **b** Red, because there are mostly red counters in the bag.
- **c** Green, because there is only 1 green counter in the bag.
- d Unlikely or equivalent.

2 Teacher check. Sample answer:



Page 19

- **1** Answers will vary.
- 2 Answers will vary.

Page 20

What to do: girl – girl – girl – boy girl – boy – boy – boy girl – girl – girl – girl boy – boy – boy – boy

What to do next: Answers will vary.

Page 21

What to do:



No, they are the same.

What to do next: Teacher check. Answers will vary.

Page 22

What to do: No, all the numbers have the same chance.

Answers will vary.

What to do next: Answers will vary.

Page 23

What to do:

	We can roll									
2	3	4	5	6	7	8	9	10	11	12

What to do next:

Sample answer: 6, 7, 8

Sample answer: 2, 3, 11, 12



Statistics

1 Your teacher says your class can play either rounders, cricket or football. It is your job to find out which is the most popular choice.

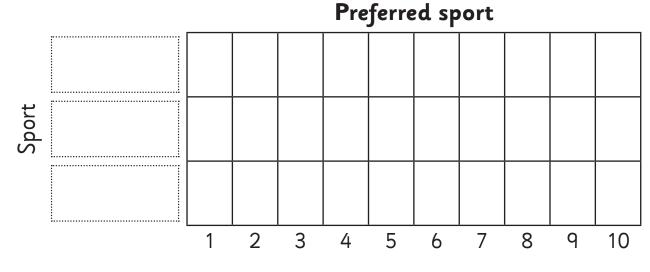
Name

What question will you ask your classmates?

- **2** 2F were asked the same question. Here are their results.
 - **a** Show this on the horizontal bar chart below. Remember to label each sport!

cricket		
football	+++++	++++

rounders

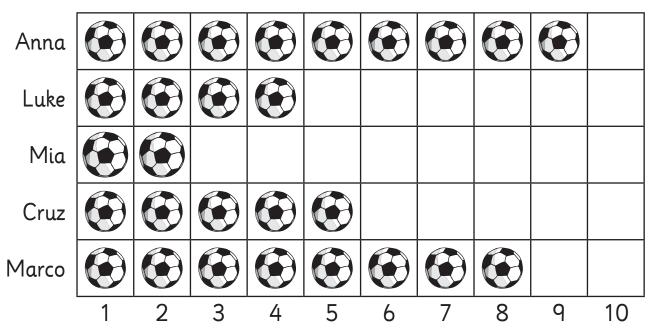


- Which is the **most** popular choice? b
- Which is the **least** popular choice? С
- Does this graph show us if students like swimming? d



Statistics

3 Look at the graph and answer the questions below.



Goals kicked in season

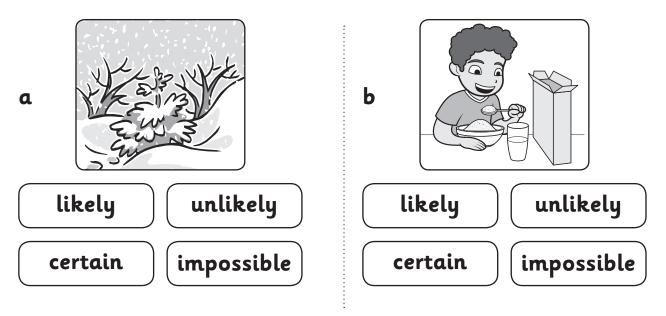
- **a** Who kicked the **most** number of goals?
- **b** Who kicked the **least** number of goals?
- c Who kicked 8 goals?
- **d** How many more goals did Cruz kick than Mia?
- e How many goals were kicked by the children in total?

Skills and understandings	Not yet	Kind of	Got it
• Poses questions to collect specific data			
 Displays data through pictorial representations or symbols, using 1–1 correspondence 			
 Interprets and analyses information presented in simple graphs 			

Chance

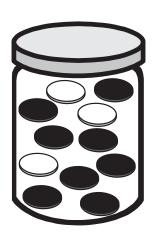
Name_

1 Look at the pictures. Colour the word that best matches the chance of each picture happening to you today.



2 You ask your teacher a question and they reply, 'Not a chance!' What could you have asked?

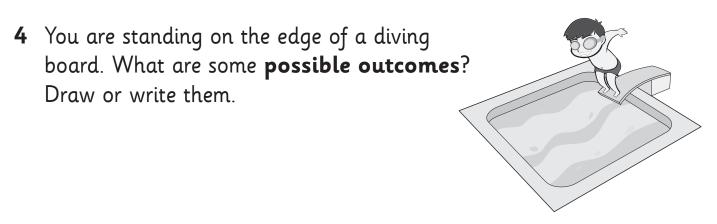
3 Look at the jar below and answer the questions.



- a Which colour counter are you more likely to pull out?
- b Which colour counter are you less likely to pull out?
- c What are the chances of pulling out a black counter?

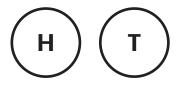


Chance



Circle the one you think you are **most likely** to do.

5 When you flip a coin, it can land on heads or tails.



- **a** If you flipped the coin 5 times, is it **possible** that it will land on heads every time?
- **b** Is it **likely** that this will happen? Why or why not?

Skills and understandings	Not yet	Kind of	Got it
 Characterises events as likely, unlikely, possible, impossible, more or less likely 			
• Lists possible outcomes of events or actions			

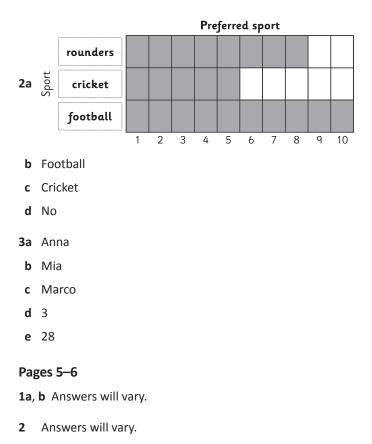
Series C – Statistics – Student Progress Record

Name	Class	Date
nat went well:		
hat I need to improve:		
eries C – Statistics		ecord
eries C – Statistics	– Student Progress R Class	ecord
eries C — Statistics Name /hat went well:	s – Student Progress R Class	ecord
Series C – Statistics Name	– Student Progress R Class	ecord
Series C – Statistics Name	s – Student Progress R Class	ecord
Series C - Statistics Name Vhat went well:	s – Student Progress R Class	ecord Date

ASSESSMENT ANSWERS

Pages 3–4

1 Would you like to play rounders, cricket or football?



- 3a black
- **b** white
- c likely
- 4 Answers will vary.
- 5a Yes
- **b** No there is an even chance of landing on heads or tails.



Topic	Reference	Strand	Objective		
Statistics	2G1	Geometry – Properties of Shapes	Compare and sort common 2D and 3D shapes and everyday objects.		
Statistics	2S1	Statistics	Interpret and construct simple pictograms, tally charts, block diagrams and tables.		
Statistics	252	Statistics	Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.		
Statistics	253	Statistics	Ask and answer questions about totalling and comparing categorical data.		
Chance	This content has been included for curricula other than the England curriculum.				