



Name: _____

Class: _____

Can you answer questions about the Legend of Daedalus and Icarus?

- 1** Why did the Gods create the Minotaur?
King Minos had angered the Gods, and they had punished him by creating the Minotaur.
- 2** What does impetuous mean?
Acting or doing something quickly without thought or care.
- 3** Why was King Minos angry with Daedalus?
Daedalus helped Theseus make his way out of the labyrinth.
- 4** What was at the heart of the labyrinth?
The Minotaur was at the heart of the labyrinth.
- 5** Where did Daedalus get his idea to escape from?
Daedalus got his idea from watching the sea birds swooping off the cliffs.
- 6** What did Daedalus use to create his wings?
He used discarded feathers from sea birds to create wings.
- 7** What causes Icarus' wings to fall off?
Icarus flew too close to the sun, and the wax holding the feathers together melted.



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8 Do you think Daedalus was responsible for his son's death?

a. No, because Icarus didn't listen to his father's warnings, so the plan failed.

b. Yes, because Daedalus' plan was flawed, so Icarus fell to his death.

Either answer could be accepted, as long as there is evidence to back it up.

Put the events from the story in the correct order by numbering them from 1 – 6.

9 Theseus entered the labyrinth, and slayed the Minotaur. 4

Daedalus warned Icarus not to fly too close to the sun. 5

The gods created the Minotaur to punish King Minos. 1

The daughter of King Minos asked Daedalus to help her save Theseus.

3

Icarus plummeted into the sea. 6

The king commissioned Daedalus to build a giant labyrinth. 2

Answer true or false to the following statements:

10 The Minotaur was half lion, half man. False

11 The labyrinth was difficult to navigate. True

12 King Minos was pleased that Daedalus helped Theseus escape the Minotaur. False

13 Daedalus created wings out of chicken feathers. False

14 The daughter of King Minos was in love with Theseus. True

15 Daedalus constructed a pair of wings for both him and Icarus.
True



Name: _____ Class: _____

Choose the correct homophone for each sentence below.

- 1 Stig passed the football pitch on the way to school every morning. (passed/past)
- 2 Granny said the piece of cake she ate was delicious. (peace/piece)
- 3 Klara walked through the park to get to the cinema with her friends. (threw/through)
- 4 Stig won a gold medal at the archery competition. (medal/meddle)
- 5 The doe gently nudged the fawn onto its feet. (dough/doe)
- 6 The weather outside looked cold, even for December. (whether/weather)
- 7 Manu went for a walk along the river with his father. (father/farther)
- 8 Stig wondered if he was allowed to go out with his friends after school. (allowed/aloud)
- 9 The horse was getting very excited, so the groom held onto his rein to calm him down. (reign/rein)
- 10 Granny could feel a draught coming through the back door, making her feel cold. (draft/draught)



Name: _____

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Write a sentence with each homophone below.

Accept all reasonable responses

11 raise _____

rays _____

12 idle _____

idol _____

13 weary _____

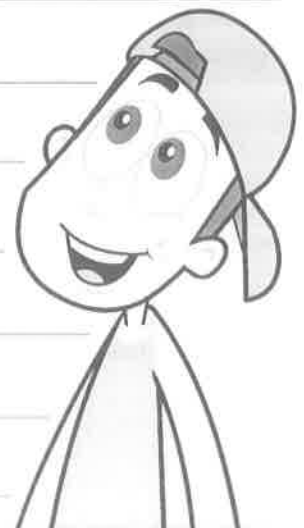
wary _____

14 complement _____

compliment _____

15 current _____

currant _____





Name: _____ Class: _____

Jack Jump was carrying the voting cards, but then he accidentally dropped them.
Help put the numbers back in order to make the:

1 Lowest score:

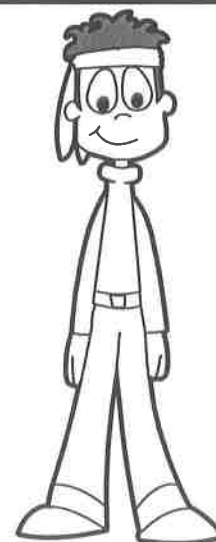
9	4	3	2	3	7
---	---	---	---	---	---

2	3	3	4	7	9
---	---	---	---	---	---

1	4	4	2	5	8
---	---	---	---	---	---

2 Highest score:

8	5	4	4	2	1
---	---	---	---	---	---



Jack Jump has been asked to announce the winners.
Can you write the scores as numbers for him to read?

3 two hundred and thirty-eight thousand, nine hundred and one
238, 901



4 four hundred and twelve thousand, nine hundred and thirty-three
412, 933

5 four hundred and two thousand, eight hundred and twelve
402, 812



It's time for the big announcement!
Can you put the scores above in order from smallest to largest?

6 238, 901

7 402, 812

8 412, 933



Work with a partner. Draw six boxes each.

Take turns rolling a dice and decide where to put the numbers after each roll.

Try to place the digits to make the largest number. The winner is the one with the largest number.



Solar Stroller

Activity Sheet



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Name: _____

Class: _____

Fill in the blanks to complete the sentences.



Mercury



Venus



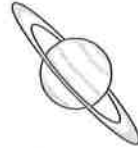
Earth



Mars



Jupiter



Saturn



Uranus

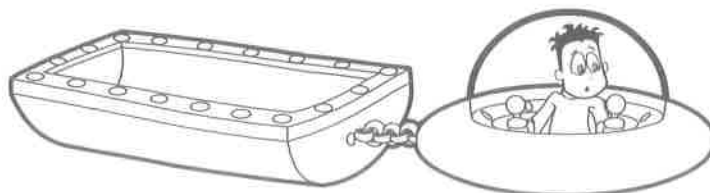


Neptune



Pluto

- 1 **Mercury** is the closest planet to the Sun. The half of the planet facing the Sun is very hot but the side facing away is very cold. It is the second smallest planet.
- 2 **Venus** is very hot because its thick atmosphere traps heat. It spins in the opposite direction to the Earth. Its days are longer than its nights.
- 3 **Earth** is the only planet known to support life, and it has water on its surface. It has one moon.
- 4 **Mars** is known as the red planet, and is named after the Greek god of war.
- 5 **Jupiter** is by far the largest planet. It is made only of gases. It has four large moons and many small ones. Its mass is 318 times that of Earth.
- 6 **Saturn** is famous for its rings. It is the second biggest planet, and is a gas giant, made of mainly helium and hydrogen.
- 7 **Uranus** is the second smallest of the gas giants, but the third largest planet overall. It has 5 large moons and at least 22 small ones.
- 8 **Neptune** is the fourth biggest planet overall, but is the smallest of the gas giants. It has 13 moons.
- 9 **Pluto** is now known as a dwarf planet. It has one moon called Charon.





Name: _____

Class: _____

Read the text extracts and answer the questions.

The moon shone brightly, lighting up patches of forest floor, through the thick branches. Sarah and Emma had walked for what felt like days, they had completely lost track of time, but they knew they needed to find shelter. "That looks like a cave," Emma said squinting, and pointing towards a large shadow up ahead.

- 1** What do you think happened next?

Reference to the pair going to the cave to find shelter.

There was a fierce storm on the horizon. Captain Sea Beard looked down to where his crew had started adjusting the sails and tying down the supplies. He had sailed successfully through many storms, but this was different. This looked menacing. He shouted down to his first mate, "This is the worst I have ever seen!"

- 2** What does the phrase 'This looked menacing.' suggest? How does it help the reader to predict what might happen if they enter the storm?

Reference to the storm is intent / set to cause destruction.

The flight attendant looked nervous.

"They aren't supposed to look nervous," Claire thought. "Of all the people on this rocket, they should look the most calm."

Did they know something she did not? This was the first flight of the JH2X4 rocket to the Moon. Professor Linford who had worked tirelessly on it for over twenty years, led the mission.

- 3** Predict what will happen.

Reference to something not being as it should. There is a problem with the rocket.



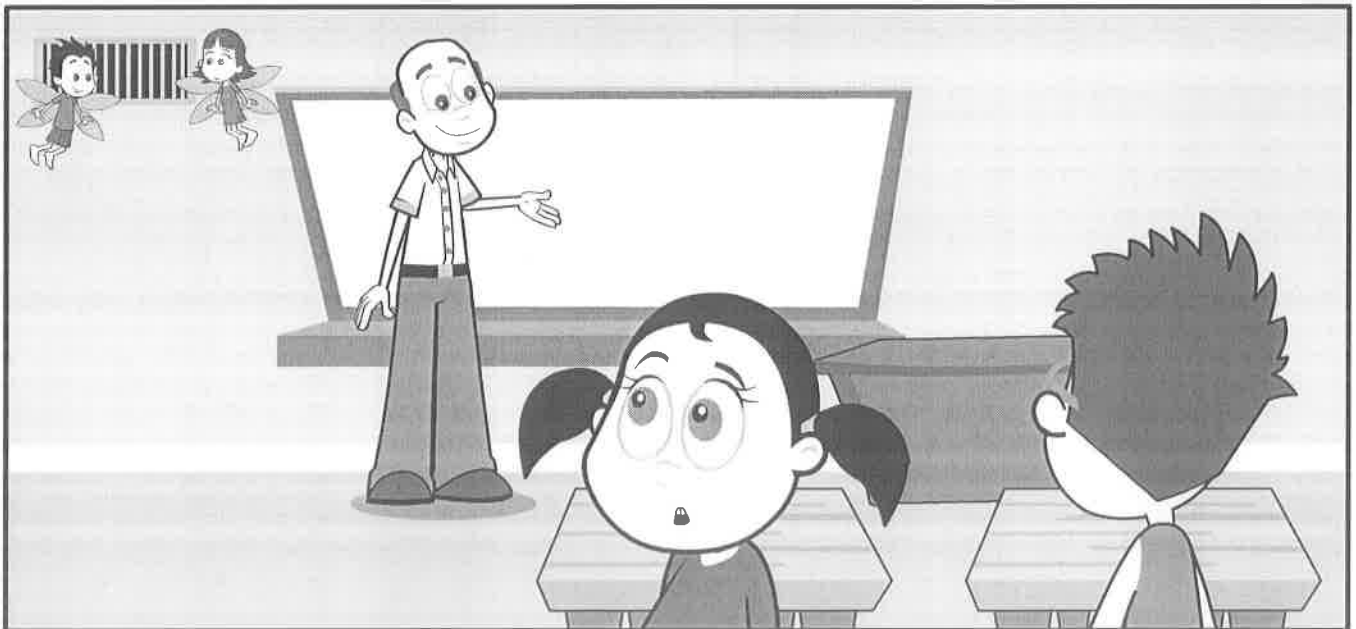
Name: _____

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Logic was trying to convince Sarah that she was mistaken, but she knew what she had seen. The tail was magnificent; layered with beautiful, pearlescent scales. She had caught a glimpse of long blond hair, as it disappeared deep into the water. These were creatures of myths, described in fantasy stories, not living things. Could she have seen what she was certain she had? Was her mind just playing tricks on her? Sarah's eyes were drawn to one of the boats; it rocked gently, something had disturbed the water.

- 4** What do you think Sarah had seen? What do you think happened next?
Reference to a mermaid.

Look at the picture, and discuss the questions with a partner.



- 1** Describe the scene.
- 2** How does the scene make you feel?
- 3** How would you describe the sprites?
- 4** If you were the boy, what would you do?
- 5** What will happen next?





Name: _____

Class: _____

Select the correct spelling for each of the sentences below and insert in the space provided.

- 1 The cat was filled with curiosity when it crept into the dark and dusty shed.

curiosity/curiocity

- 2 Nobody wanted to cook dinner that evening, so they decided to eat out at a restaurant.

restarant/restaurant

- 3 It was a little scary walking through the cemetery when it was dark.

cemetery/cemetry

- 4 Rome has many ancient buildings that have been around for over two thousand years.

ancient/anciant

- 5 Gran loved going to the car boot sale for a bargain.

bargin/bargain

- 6 Emma was determined to learn all her French verbs before class on Monday.

determaned/determined

- 7 Meg was worried that she was lost, when suddenly she saw a street that looked very familiar.

familiar/familier

- 8 Rosa was running along the beach with her dog, who was a bit of a hindrance, because he kept jumping between her feet.

hindrance/hinderance



Name: _____

Class: _____

Select the correct spelling for each of the sentences below and insert in the space provided.

- 9 Manu was so tired after a busy day at school, that he went to bed and immediately fell asleep.

immediately/imediately

- 10 The thunder roared in the night and the lightning lit up the sky like it was daytime.

lightening/lightning

- 11 Everybody loved the puppy, even if he was a little mischievous and chewed Dad's shoes.

mischievous/mischievous

- 12 It was too late for Stig to enter the Spelling Bee, he had missed his opportunity.

oportunity/opportunity

- 13 It was a privilege to be awarded the Outstanding Achievement award for Science.

priviledge/privilege

- 14 They were excited about going to the cinema, until they saw the huge queue outside.

que/queue

- 15 Chip really enjoyed the TV program, so he decided to recommend it to Meg.

recomend/recommend





Name: _____

Class: _____

Use a place value chart like the one on the resource sheet to order the numbers from smallest to largest.

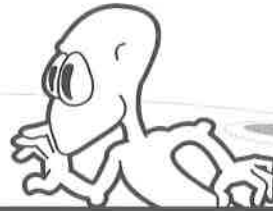
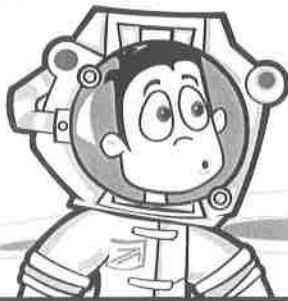
1	488	6,033	32,353	74,083	616,460
2	16,413	724,534	755,621	948,243	5,094,265
3	32,827	182,831	375,354	6,077,648	8,917,731
4	960,544	2,194,905	3,062,773	4,772,812	8,893,452
5	701,315	3,302,512	4,252,716	5,064,128	6,862,208
6	4,002	4,441	9,882	6,670,131	9,374,659
7	34,714	3,524,366	4,314,979	4,627,489	4,636,458
8	4,734	9,060	9,076	4,154,758	4,321,839
9	2,370,309	4,926,606	5,121,934	6,291,177	8,505,864
10	811,437	1,853,551	6,045,715	7,863,056	9,738,907
11	413,411	977,384	2,299,352	2,541,735	3,412,173
12	2,474,041	5,334,085	5,973,052	6,641,453	8,149,666
13	2,808	14,409	29,126	54,591	76,059
14	1,776,797	1,885,606	3,539,225	4,156,243	8,307,582
15	1,291,294	2,204,851	4,021,653	4,298,995	4,419,871
16	1,622,964	4,132,213	5,194,531	7,892,924	9,351,745
17	3,245,676	5,522,762	5,964,768	8,057,849	9,111,686
18	125,820	167,256	6,869,346	7,021,155	7,031,559
19	810,358	867,910	1,201,091	1,603,102	4,314,087
20	4,306	4,346	43,224	43,550	43,578
21	952,208	959,497	1,284,816	2,406,762	2,456,717
22	2,372,604	2,537,405	2,752,574	4,523,979	6,962,437
23	2,445,826	2,670,042	6,679,132	6,814,643	9,571,567
24	346,275	629,785	1,596,964	6,949,265	9,437,863
25	846,835	849,158	7,181,798	7,398,404	8,438,372
26	2,871,452	2,903,444	2,917,944	2,947,087	2,955,148
27	5,481,933	5,496,072	6,280,699	7,688,074	9,648,785
28	147,256	147,561	1,472,348	1,472,977	1,475,779
29	3,216,133	3,842,134	5,112,485	7,028,134	7,028,761
30	356,572	5,090,462	6,837,253	8,323,357	9,472,236



Name: _____ Class: _____

Draw lines to join the boxes.

axis	an object that orbits a planet
satellite	the path of an object going round another object
8	a line running from north to south through the centre of a planet
orbit	the number of days it takes the Moon to orbit the Earth
28	the number of planets in the Solar System (not including Pluto)



Fill in the gaps using words from the list.

burning gas Moon year day and night 24 hours
Sun Earth axis shadow

The Sun is made from burning gas. The Earth orbits the Sun, and the Moon orbits the Earth. It takes the Earth one year to orbit the Sun. The Earth also spins on an axis. This results in day and night. The part of Earth facing the Sun receives daylight and the part that faces away from the Sun is in shadow. One rotation takes 24 hours.

Make a map of the Earth, Sun and Moon. If the Earth was 1 cm across (diameter), the Sun would be 110 cm across and the Moon 0.25 cm. Draw the 3 objects on a large sheet of paper. You will need a ruler, compass and pencil.



Name: _____

Class: _____

- 1 What point of view is the story being written in?
The story is written in the first person.
- 2 Who is telling the story?
Klara is telling the story.
- 3 How does Klara feel on her first day at her new school?
She is feeling very nervous.
- 4 What does Klara worry about on her first day?
She worries about saying the wrong thing, by mixing her words up and talking rubbish.
- 5 What was Klara's plan for her first day?
She planned to say nothing so she didn't say anything silly.
- 6 Why did Manu and Mr. Lockwood "exchange glances"?
They were surprised at Klara's responses to their questions.
- 7 What do you think "backfiring" means?
A plan that has the opposite effect to what was intended.
- 8 How did Klara's demeanour change suddenly?
She went from looking strange and scared to smiling broadly.
- 9 How do you think Klara appeared to Mr. Lockwood?
She appeared very quiet and scared.
- 10 Why did Manu turn away?
Manu could have turned away because Klara wasn't speaking to him, and he could have felt embarrassed.
- 11 When did Klara realise she was making a "huge mistake"?
Klara could see how her actions were making everyone else feel.
- 12 How do you think Klara will get on at her new school?
She will probably enjoy her new school, once she starts behaving as she normally would.



Name: _____

Class: _____

Select the sentence that uses the commas correctly, to match the meaning in the questions.

- 1 Select the sentence that explains what Stig, Sten and Manu did, before they left the basketball game.

Before, leaving the basketball game Stig, Sten and Manu ate all their hotdogs.

Before leaving the basketball game, Stig, Sten and Manu ate all their hotdogs.

Before leaving the basketball game Stig, Sten and Manu ate all their hotdogs.

- 2 Select the sentence that show the three things that Klara likes.

Klara likes cooking Manu, and playing tennis.

Klara likes cooking, Manu and playing tennis.

Klara likes cooking Manu and playing tennis.

- 3 Select the sentence that shows you must stop, when the ducks are crossing the path.

The sign at the park read: "Stop ducks crossing, the path."

The sign at the park read: "Stop ducks crossing the path."

The sign at the park read: "Stop, ducks crossing the path."

- 4 Select the sentence that explains what Stig and Sten did, after they left Granny.

After they left Granny, Stig and Sten bounced on the space hoppers.

After they left, Granny, Stig and Sten bounced on the space hoppers.

After they, left Granny, Stig and Sten bounced on the space hoppers.



Name: _____

Class: _____

- 5** Select the sentence that explains what Klara, Stig and Sten did after they hid.

After hiding, Klara, Stig and Sten went outside to play.

After hiding Klara, Stig and Sten went outside to play.

After hiding Klara Stig and Sten went, outside to play.

- 6** Select the sentence that shows Granny, Stig and Manu locked the door behind them.

Before leaving Granny, Stig and Manu locked the door behind them.

Before, leaving Granny, Stig and Manu locked the door behind them.

Before leaving, Granny, Stig and Manu locked the door behind them.

- 7** Select the sentence that shows the policeman is saying the robber is lying.

"The policeman," said the robber, "was lying."

The policeman, said the robber, was lying.

The policeman said the robber was lying.

- 8** Select the sentence that shows they walked through the car park quickly.

They walked through the car park quickly, worried that they were late.

They walked through the car park, quickly worried that they were late.

They walked through the car, park quickly worried that they were late.



Name: _____

Class: _____

Read the sentences and add commas to clarify the meaning.

- 9** Show that Klara entered the shopping mall quickly.

Klara entered the mall quickly, wondering which shop to go to first.

- 10** Show that Stig pulled back the curtains quietly.

Stig looked outside, quietly pulling the curtains back.

- 11** Show that Manu rode his bike happily.

Manu rode his bike happily, singing along to the music in his headphones.

- 12** Show that Granny was cooking.

Whilst Granny was cooking, Stig finished his homework.

- 13** Show that Stig, Sten and Klara all went bowling.

After bowling, Stig, Sten and Klara counted up the score.

- 14** Show that Stig was riding his scooter quickly.

Stig rode quickly, thinking about the other scooters behind.



Name: _____

Class: _____

Count on from each of these numbers in thousands:

- 1 47,030, 48,030 , 49,030 , 50,030 , 51,030
- 2 673,430, 674,430 , 675,430 , 676,430 , 677,430
- 3 12,010, 13,010 , 14,010 , 15,010 , 16,010

Count on from each of these numbers in ten thousands:

- 4 24,567, 34,567 , 44,567 , 54,567 , 64,567
- 5 595,123, 605,123 , 615,123 , 625,123 , 635,123
- 6 17,980, 27,980 , 37,980 , 47,980 , 57,980

Count on from each of these numbers in hundred thousands:

- 7 39,234, 139,234 , 239,234 , 339,234 , 439,234
- 8 698,968, 798,968 , 898,968 , 998,968 , 1,098,968
- 9 13,234, 113,234 , 213,234 , 313,234 , 413,234

Count back from each of these numbers in thousands:

- 10 54,879, 53,879 , 52,879 , 51,879 , 50,879
- 11 632,123, 631,123 , 630,123 , 629,123 , 628,123
- 12 19,456, 18,456 , 17,456 , 16,456 , 15,456

Count back from each of these numbers in ten thousands:

- 13 77,879, 67,879 , 57,879 , 47,879 , 37,879
- 14 565,123, 555,123 , 545,123 , 535,123 , 525,123
- 15 1,175,745 1,165,745 , 1,155,745 , 1,145,745 , 1,135,745

Count back from each of these numbers in hundred thousands:

- 16 739,879, 639,789 , 539,789 , 439,789 , 339,789
- 17 998,154, 898,154 , 798,154 , 698,154 , 598,154
- 18 1,893,013 1,793,013 , 1,693,013 , 1,593,013 , 1,493,013



Name: _____ Class: _____

Increase each of these numbers by 30,000.

19 12,456 42,456 20 3232 33,232

21 234 30,234

Increase each of these numbers by 6,000.

22 1,123,899 1,129,899 23 423,989 429,989

24 498 6498

Increase each of these numbers by 500.

25 989,433 989,933 26 76,545 77,045

27 2898 3398

Increase each of these numbers by 400,000.

28 13,678 413,678 29 1,865,789 2,265,789

30 576 400,576

Decrease each of these numbers by 70,000.

31 898,658 828,658 32 98,254 91,254

33 1,893,567 1,823,567

Decrease each of these numbers by 500,000.

34 2,678,565 2,178,565 35 1,435,879 935,879

36 567,890 67,890

Decrease each of these numbers by 8000.

37 13,456 5,456 38 1,568,345 1,560,345

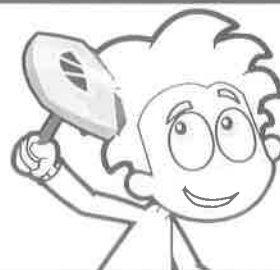
39 72,128 64,128

Decrease each of these numbers by 700.

40 19,998 19,298

41 42,896 42,196

42 1,012,012 1,011,312





Manu in the Moon

Activity Sheet

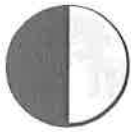


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Name: _____

Class: _____

Cut out the phases of the Moon and stick them in the spaces below to show the phases of the lunar cycle. Write the name of each phase in the space provided



first quarter



waning gibbous



full moon



waxing gibbous



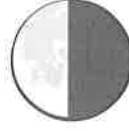
new moon



waning crescent



waxing crescent



last quarter



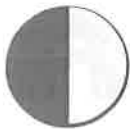
new moon



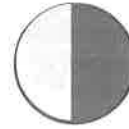
waxing crescent



waning crescent



first quarter



last quarter



waxing gibbous



full moon



waning gibbous





Name: _____

Class: _____

Read the passage and answer the following questions.

Keep Safe on your BMX

BMX (bicycle motocross) riding is great fun. You do however, need to think about keeping safe. Accidents are always possible, and can happen during a race, whilst practising and when riding purely for pleasure. Although injuries can happen at any time, observing safety requirements, helps keep those injuries to a minimum.

In a hospital in Sheffield, 132 BMX related accidents were recorded in the accident and emergency in 60 consecutive days. Most of the injuries were fractures, concussion and broken teeth. Wearing the correct safety gear is a requirement for any rider at club and open day events. All coaches should have a current first aid certificate, and there should be first aid people in attendance at all events.

If you are thinking of getting into BMX, here are a few of the things you will need to keep you safe: the most important thing is a helmet, as most injuries occur from the neck up. Before buying a helmet, it's a good idea to measure your head. Measure the head circumference just above the top of the ears, and buy a helmet specifically for BMX, which are strong, yet flexible. Different to a lot of helmets for other sports, a BMX helmet has full-face protection.

Gloves protect hands and give added grip. Shoes need to be flat soled trainer type shoes, preferably tough, with impact absorbing heel inserts. They need to be non-slip, so the foot feels secure on the pedal. It is important that all skin should be covered, so wear long trousers and tops, and socks that cover the ankles. Knee, shin and ankle pads are also a must have.

Then of course, you need the bike. It doesn't have to be a brand new bike, but if you are buying second-hand, make sure it is in good condition; not distorted, cracked or broken. Make sure the tyres are inflated, the pedals have grip and the chain is well greased. Make sure the bike is the right size for you too.

Once you are properly kitted out, you need to think about riding responsibly. There are lots of places to ride: skate parks, trails and also the street. If you ride on the street, always be mindful of other people in your surroundings. Take your time to learn new tricks; master those tricks before attempting new ones.

Most importantly, stay safe and have fun.



Look At The Flip Side

Activity Sheet



EducationCity

Name: _____

Class: _____

Write your answers in full sentences.

- 1 How many BMX related accidents were recorded in Sheffield's accident and emergency in 60 consecutive days?

There were 132 BMX related accidents.

- 2 What do you think consecutive means?

Following each other continuously.

- 3 Name one of the most common BMX injuries.

Concussion/fractures and broken teeth.

(Any of these can be accepted)

- 4 What should all BMX coaches have?

All coaches should have a current first aid certificate.

- 5 How can you make sure a helmet fits properly?

You should have the head measured to make sure the helmet fits properly.

- 6 What is different about a BMX helmet to most other helmets?

Different to a lot of helmets for other sports, a BMX helmet has full-face protection.

- 7 Why should you wear non-slip shoes?

Non-slip shoes should be worn to keep feet securely in place on the pedals.

- 8 Why should you wear gloves?

Gloves are needed to protect hands and give added grip.



Name: _____

Class: _____

- 9** Name 3 things you need to check a second-hand bike is in good condition.
Bikes need to have inflated tyres, have a well-greased chain, pedals have a good grip, be the right size and not be cracked, broken or distorted.
(Any three of these).

- 10** Name 3 places you can ride a BMX bike.
A BMX can be ridden on the street, skate park or trail.





Name: _____

Class: _____

Fill in the blanks using the endings "cial" or "tial".

1 artificial

2 preferen tial

3 cru cial

4 inconsequen tial

5 residen tial

6 benefi cial

7 unoffi cial

8 experien tial

9 sequen tial

10 spe cial

11 superfi cial

12 ra cial

13 torren tial

14 poten tial

15 multira cial

16 substan tial

17 offi cial

18 essen tial

19 gla cial

20 martial

Fill in the blanks with these spelling exceptions.

21 finan cial

22 ini tial

23 spa tial

24 pala tial

25 provin cial

26 commer cial



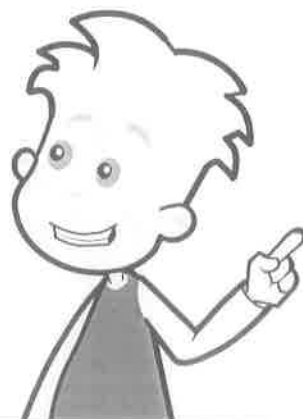
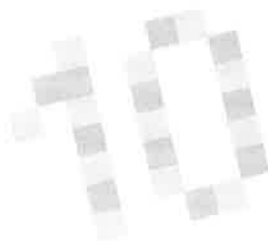
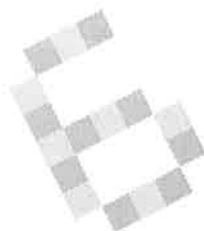


Name: _____

Class: _____

Answer the questions.

- | | |
|---|---------|
| 1 Round 53456 to the nearest hundred. | 53500 |
| 2 Round 412534 to the nearest hundred thousand. | 400000 |
| 3 Round 2354 to the nearest hundred. | 2400 |
| 4 Round 600123 to the nearest ten. | 600120 |
| 5 Round 1145254 to the nearest hundred thousand. | 1100000 |
| 6 Round 145989 to the nearest ten thousand. | 150000 |
| 7 Round 234104 to the nearest hundred thousand. | 200000 |
| 8 Round 12425 to the nearest hundred. | 12400 |
| 9 Round 123436 to the nearest thousand. | 12300 |
| 10 Round 37465 to the nearest ten. | 37470 |
| 11 Round 346567 to the nearest ten thousand. | 350000 |
| 12 Round 45345 to the nearest thousand. | 45000 |
| 13 Round 1456789 to the nearest hundred thousand. | 1500000 |
| 14 Round 46578 to the nearest thousand. | 47000 |
| 15 Round 364456 to the nearest hundred. | 364500 |
| 16 Round 1456698 to the nearest million. | 1000000 |
| 17 Round 54678 to the nearest ten. | 54680 |
| 18 Round 3756 to the nearest hundred. | 3800 |
| 19 Round 865456 to the nearest hundred thousand. | 900000 |
| 20 Round 1969561 to the nearest ten thousand. | 1970000 |





Name: _____

Class: _____

Use the words below to complete the sentences about Earth. One has been done for you.

(orbits) (rock) (planet) (Moon) (water) (~~Sun~~) (daylight) (metal)

- ① The side of Earth that faces away from the Sun has night.
- ② Earth gets all of its daylight from the Sun.
- ③ Earth is the planet that we live on.
- ④ Earth orbits the sun.
- ⑤ The Moon orbits Earth.
- ⑥ Earth is a sphere of rock, metal and water.

Now complete these sentences about the Sun.

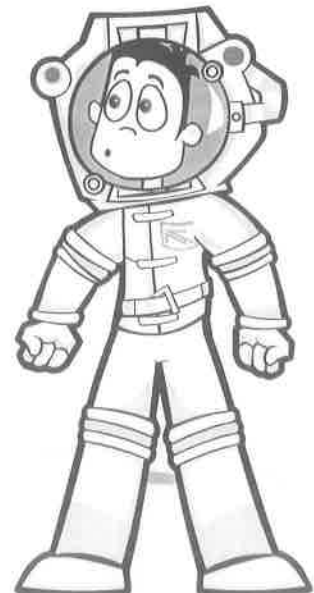
(light) (heat) (star) (solar system) (gas)

- ⑦ The Sun is a star.
- ⑧ The Sun is at the center of our solar system.
- ⑨ The Sun is huge ball of gas.
- ⑩ The Sun provides light and heat for all life on Earth.

Now complete these sentences about the Moon.

(satellite) (Earth) (Sun)

- ⑪ The Moon orbits Earth every 28 days.
- ⑫ The Moon is a natural satellite.
- ⑬ The Moon reflects light from the Sun.





Move the Goalposts

Activity Sheet



EducationCity

Name: _____

Class: _____

Tick all the sentences that are facts.

- | | |
|---|-------------------------------------|
| 1 The marathon is 26.2 miles long. | <input checked="" type="checkbox"/> |
| Jimmy finished his race in 4 hours and 23 minutes. | <input checked="" type="checkbox"/> |
| There were too many competitors all starting at the same time. | <input type="checkbox"/> |
| 56 runners didn't finish the race. | <input checked="" type="checkbox"/> |
| The marathon was one of the best that had been seen in years. | <input type="checkbox"/> |
| Kirsty hoped she would win the race again. | <input type="checkbox"/> |
| 2 Klara caught the ball every time it was thrown to her. | <input checked="" type="checkbox"/> |
| Emma's team won the match. | <input checked="" type="checkbox"/> |
| Granny should have played better. | <input type="checkbox"/> |
| The crowd was too noisy. | <input type="checkbox"/> |
| The referee gave a penalty to the away team. | <input checked="" type="checkbox"/> |
| The home team thought the visiting team performed bravely. | <input type="checkbox"/> |
| 3 The team qualified for the national event. | <input checked="" type="checkbox"/> |
| Stig's horse had four faults in the first round. | <input checked="" type="checkbox"/> |
| Sten's horse was the most handsome. | <input type="checkbox"/> |
| Manu was the fastest in the jump-off. | <input checked="" type="checkbox"/> |
| The event seemed to go on for ages. | <input type="checkbox"/> |
| Klara thought the fences were too high. | <input type="checkbox"/> |
| 4 The velodrome was buzzing with excitement. | <input type="checkbox"/> |
| Manu had a new bike. | <input checked="" type="checkbox"/> |
| Stig arrived at 10 o'clock for his first race. | <input checked="" type="checkbox"/> |
| A different bike might have been better for Klara. | <input type="checkbox"/> |
| The noise from the spectators put the cyclist off. | <input type="checkbox"/> |
| All the races were finished by 6 o'clock. | <input checked="" type="checkbox"/> |



Move the Goalposts

Activity Sheet



EducationCity.com

Name: _____

Class: _____

Tick all the sentences that are opinions.

- 5** Klara was picked for the gymnastics team.
Emma didn't like the pommel horse.
Manu won a bronze medal.
The injury didn't seem to affect Granny's performance.
Stig's team could have done more to maintain the lead.
Granny coached Stig's team on Saturdays.
- 6** The freezing rain can't have helped to runners.
Stig loved cross-country running.
The race was 5 kilometres.
The course took place in the fields behind the school.
Manu came last in the race.
The course was going to be difficult to run on because of all the wet weather.
- 7** The temperature of the water was 28°C
The boys' relay race was very exciting.
Klara won the freestyle race.
There were 100 spectators around the pool.
Stig shouldn't have looked behind him when he was swimming.
Manu thought the water was too cold.
- 8** The climbing wall is 4.5 metres high.
Stig didn't like climbing up the climbing wall.
Klara scaled the wall like a squirrel up a tree trunk.
Manu felt very proud when he reached the top.
The climbing wall is made from wood.
Sten wore a harness when he climbed the wall.

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Name: _____

Class: _____

Add the missing punctuation to these sentences.

- 1 The space probe arrived back; it had collected data for the scientists.

_____ - _____ ; _____ : _____

- 2 After months of travel, the astronauts arrived home-tired.

_____ - _____ ; _____ : _____

- 3 The glowing planets, the blue earth, the inky black sky-this is what made them want to be astronauts.

_____ - _____ ; _____ : _____

- 4 There was a lot to remember; spacesuits, flight tools, cameras.

_____ () _____ : _____ ; _____

- 5 Sten saw the Milky Way (sparkling and shimmering) through the spaceship's window.

_____ () _____ : _____ ; _____

- 6 Klara, excited and eager, couldn't wait to take off into space.

_____ , _____ : _____ ; _____

- 7 Sten couldn't believe what he was seeing; an amazing meteor shower.

_____ , _____ : _____ ; _____

- 8 Stig was looking at the planets: Mars, Jupiter and Saturn.

_____ - _____ ; _____ : _____

- 9 The earth, our home, is one of billions of planets in our galaxy.

_____ , _____ ; _____ : _____

- 10 The Solar system (formed 4.6 billion years ago) includes eight planets.

_____ () _____ : _____ ; _____

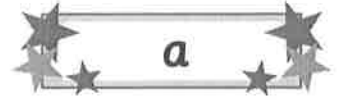


Name: _____

Class: _____

Which sentence has used the punctuation correctly?

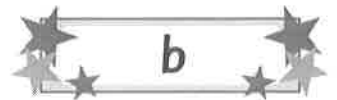
- 11** **a** Looking through the telescope; Stig could see Mars.
b Looking through; the telescope Stig could see Mars.
c Looking through the telescope Stig could see; Mars.



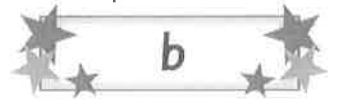
- 12** **a** Asteroids made of rock, and metal, orbit the sun.
b Asteroids made, of rock and metal, orbit the sun.
c Asteroids, made of rock and metal, orbit the sun.



- 13** **a** Saturn famous for its beautiful rings is the (second biggest) planet in our solar system.
b Saturn (famous for its beautiful rings) is the second biggest planet in our solar system.
c Saturn famous for its beautiful rings is the second biggest (planet in our solar system).



- 14** **a** Klara – adjusting – her helmet went to open the spaceship door.
b Klara – adjusting her helmet – went to open the spaceship door.
c Klara adjusting her helmet – went to open – the spaceship door.



- 15** **a** Stig was looking forward: to having some home comforts comfy bed, hot bath and TV.
b Stig: was looking forward to having some home comforts comfy bed, hot bath and TV.
c Stig was looking forward to having some home comforts: comfy bed, hot bath and TV.





Shiver and Quiver

Activity Sheet



EducationCity.com

Name: _____

Class: _____

Calculate the difference between the day time and night time temperatures.
One has been done for you.

Location	Day time temp. (°C)	Night time temp. (°C)	Temp. difference (°C)
New York	4°C	-4°C	8°C
London	6°C	-1°C	7°C
Berlin	1°C	-3°C	4°C
Kiev	-2°C	-5°C	3°C
Rome	8°C	-1°C	9°C
Moscow	-5°C	-11°C	6°C
Oslo	-9°C	-11°C	2°C
Edinburgh	4°C	-2°C	6°C
Paris	3°C	-3°C	6°C



Now answer the questions below.

- 1 Which city experienced the biggest difference in temperature?
Rome.
- 2 Which city experienced the smallest difference in temperature?
Oslo.

Choose one city and using the internet or a reference book, work out the difference between the highest summer and the lowest winter temperatures.



High Noon

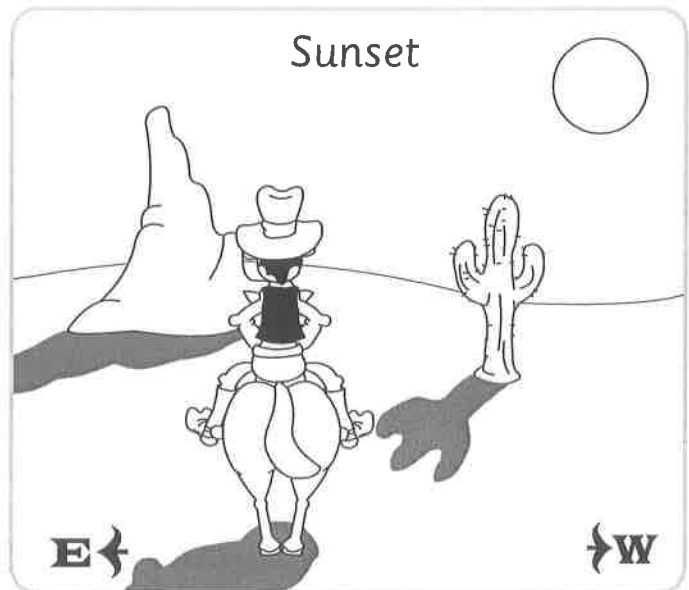
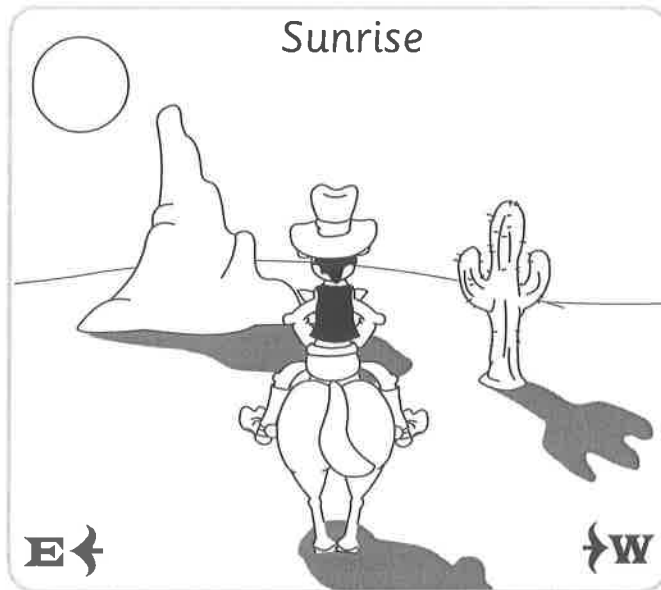
Activity Sheet



EducationCity.com

Name: _____ Class: _____

Draw in the missing shadow for the cactus in the two drawings below.



Now use the words in the boxes to fill in the blanks below.

- 1 The sun rises in the east and sets in the west.
- 2 Shadows are shorter at noon because the sun is higher in the sky.
- 3 At sunrise and sunset shadows are very long.
- 4 At night the side of Earth we are on is turned away from the sun.
- 5 A shadow is formed any time an object blocks the light from a light source.

light

sunrise

light source

sunset

noon

west

higher

east

sun

shadow

night

