**Words 1**

Read and match.

|  |
| --- |
| triumphantly fragment eyepiece laboratory minute astonishment image dazzling |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Words 2**

Read and complete.

|  |
| --- |
| surpass scrambled examination flickered panic piles  bothered copious stared gust |

Lia \_\_\_\_\_\_\_\_\_\_ out of the window at the icy snow. There were \_\_\_\_\_\_\_\_\_\_ of books all over the floor. She had spent two hours making \_\_\_\_\_\_\_\_\_\_ notes for her project. She had done a detailed \_\_\_\_\_\_\_\_\_\_ of cells under her microscope. She wanted her work to \_\_\_\_\_\_\_\_\_\_ the other students in her class. She began to \_\_\_\_\_\_\_\_\_\_ that her work wasn’t good enough. She \_\_\_\_\_\_\_\_\_\_ to get all her things ready for school. She wasn’t \_\_\_\_\_\_\_\_\_\_ by the cold weather. The light of the candle \_\_\_\_\_\_\_\_\_\_ in the window. A \_\_\_\_\_\_\_\_\_\_ of wind blew the door open.

**Read 1**

Read and choose.

|  |
| --- |
| Josh was excited. He’d seen a poster in the library – ‘Make the strongest model building.’ The prize was a ticket to the science museum! Josh couldn’t wait to start. He got strips of wood, card, and straws. He got paper, foil, and copious amounts of sticky tape and sticky tack. He put everything in piles on the table, and stared at it. First he tried standing up straws in sticky tack, but they fell over in a gust of wind. Then he tried making a tower out of cardboard, but it was unstable. Next, he tried making a wooden cube, but the sticky tape wouldn’t hold it together. Nothing was working, so Josh left the things on the table, and went outside. He stood in the garden and thought about the science museum. He really wanted to go. Josh picked up a leaf, and studied it closely. It was perfectly symmetrical, with a strong central line and delicate lines around it. It didn’t look like it would be strong, but it was. Suddenly, Josh knew what to do! He scrambled inside in a panic, in case his mom had cleaned everything up. First he made a central pole with a piece of wood. Then he arranged straws symmetrically around the pole. Next he stuck card over the frame with sticky tape. Finally, he decorated his model with foil. On the day of the competition, Josh carried his model to the library. Lots of other children had brought theirs. The judges tested each model by resting weights on top. When the model became unsteady, they stopped. Josh was last. He could hardly watch as they put first one, then two, then three weights on his model. He closed his eyes … then in astonishment, he heard lots of clapping. He smiled triumphantly, as he realized he was the boy whose model had won! |

1. Josh wants to go to the science museum.
   * True
   * False
2. His teacher told him to make a model.
   * True
   * False
3. His first model was a cardboard tower.
   * True
   * False
4. Josh got the idea for his model from a tree.
   * True
   * False
5. He used wood and card to make his model.
   * True
   * False
6. Josh was surprised that he won.
   * True
   * False

**Read 2**

Read and choose.

|  |
| --- |
| Josh was excited. He’d seen a poster in the library – ‘Make the strongest model building.’ The prize was a ticket to the science museum! Josh couldn’t wait to start. He got strips of wood, card, and straws. He got paper, foil, and copious amounts of sticky tape and sticky tack. He put everything in piles on the table, and stared at it. First he tried standing up straws in sticky tack, but they fell over in a gust of wind. Then he tried making a tower out of cardboard, but it was unstable. Next, he tried making a wooden cube, but the sticky tape wouldn’t hold it together. Nothing was working, so Josh left the things on the table, and went outside. He stood in the garden and thought about the science museum. He really wanted to go. Josh picked up a leaf, and studied it closely. It was perfectly symmetrical, with a strong central line and delicate lines around it. It didn’t look like it would be strong, but it was. Suddenly, Josh knew what to do! He scrambled inside in a panic, in case his mom had cleaned everything up. First he made a central pole with a piece of wood. Then he arranged straws symmetrically around the pole. Next he stuck card over the frame with sticky tape. Finally, he decorated his model with foil. On the day of the competition, Josh carried his model to the library. Lots of other children had brought theirs. The judges tested each model by resting weights on top. When the model became unsteady, they stopped. Josh was last. He could hardly watch as they put first one, then two, then three weights on his model. He closed his eyes … then in astonishment, he heard lots of clapping. He smiled triumphantly, as he realized he was the boy whose model had won! |

1.  Josh saw a poster in the science museum / library .

2.  He started his project by drawing ideas on paper / collecting different materials .

3.  His first model wasn’t tall / strong enough.

4.  He made four / three different models.

5.  He used wood, card, paper, sticky tape, and foil / paper  to make his final model.

**Read 3**

Read and choose.

|  |
| --- |
| Josh was excited. He’d seen a poster in the library – ‘Make the strongest model building.’ The prize was a ticket to the science museum! Josh couldn’t wait to start. He got strips of wood, card, and straws. He got paper, foil, and copious amounts of sticky tape and sticky tack. He put everything in piles on the table, and stared at it. First he tried standing up straws in sticky tack, but they fell over in a gust of wind. Then he tried making a tower out of cardboard, but it was unstable. Next, he tried making a wooden cube, but the sticky tape wouldn’t hold it together. Nothing was working, so Josh left the things on the table, and went outside. He stood in the garden and thought about the science museum. He really wanted to go. Josh picked up a leaf, and studied it closely. It was perfectly symmetrical, with a strong central line and delicate lines around it. It didn’t look like it would be strong, but it was. Suddenly, Josh knew what to do! He scrambled inside in a panic, in case his mom had cleaned everything up. First he made a central pole with a piece of wood. Then he arranged straws symmetrically around the pole. Next he stuck card over the frame with sticky tape. Finally, he decorated his model with foil. On the day of the competition, Josh carried his model to the library. Lots of other children had brought theirs. The judges tested each model by resting weights on top. When the model became unsteady, they stopped. Josh was last. He could hardly watch as they put first one, then two, then three weights on his model. He closed his eyes … then in astonishment, he heard lots of clapping. He smiled triumphantly, as he realized he was the boy whose model had won! |

1. Josh couldn’t wait to start.
   * He was very excited about the competition.
   * He was in a hurry to get started.
2. Nothing was working, so Josh left the things on the table, and went outside.
   * His first ideas didn’t work, so he gave up.
   * His first ideas didn’t work, so he took a break.
3. Suddenly, Josh knew what to do!
   * He suddenly had a good idea.
   * He suddenly made a decision.
4. He scrambled inside in a panic, in case his mom had cleaned everything up.
   * He was worried that his materials were gone.
   * He was worried that he didn’t have enough time.
5. He could hardly watch as they put first one, then two, then three weights on his model.
   * It was difficult for Josh to watch the judges.
   * Josh couldn’t watch the judges.

**Grammar in Use 1**

Read and choose.

1. That’s the woman whose \_\_\_\_\_\_\_.
   * was in the paper yesterday
   * picture was in the paper yesterday
2. Mr. Wilson is the neighbor whose\_\_\_\_\_\_\_.
   * his daughter is in my class
   * daughter is in my class
3. That is the boy whose\_\_\_\_\_\_\_.
   * bicycle I borrowed
   * I borrowed his bicycle
4. Do you know the girl whose \_\_\_?
   * her father is a painter
   * father is a painter
5. Leonardo da Vinci is the artist whose \_\_\_ is the *Mona Lisa*.
   * his most famous painting
   * most famous painting

**Grammar in Use 2**

Read and choose.

1.  Do you know the girl which / who / whose plays trumpet in the band?

2.  That’s the student which / who / whose brother was on TV.

3.  This is the painting which / who / whose won first prize in the competition.

4.  Mr. Lewis is the teacher which / who / whose classes are the most popular.

5.  Do you know a book which / who / whose explains the history of symmetry?

6.  Alex is the boy which / who / whose hobby is collecting pictures of bicycles.

**Grammar in Use 3**

Rearrange the words to make sentences and questions.

|  |
| --- |
| father whose is a teacher Nick the boy is |

1. \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ .

|  |
| --- |
| mother the girl whose is that a singer was |

2. \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ .

|  |
| --- |
| book the name of we’re studying the writer what’s whose |

3. \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ ?

|  |
| --- |
| last week whose the girl Lucy bicycle was stolen is |

4. \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ .

|  |
| --- |
| “W” begins with you do anyone whose know name |

5. \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ ?

**Grammar in Use 4**

Read and match.

|  |
| --- |
| father is from Russia website won a prize lived in Australia  hobby is computer games  lives in our street  writes a blog |

|  |  |
| --- | --- |
| **Lisa is the girl who ...** | **Lisa is the girl whose ...** |
|  |  |

**Listening**

Listen, read and choose.

|  |  |
| --- | --- |
| 1. A fractal is a symmetrical pattern.    * True    * False 2. The veins of a leaf look different under a microscope.    * True    * False 3. Seashells and cheese are two types of fractals.    * True    * False 4. A Romanesco is a type of vegetable.    * True    * False 5. If you magnify a fractal, the pattern looks the same.    * True    * False 6. A beach is an example of a fractal.    * True    * False |  |

**Speaking**

Listen, record Part A or B, then check.

|  |  |
| --- | --- |
| A:My favorite example of symmetry is a race car.  B:Cool. What made you choose that?  A:I like it because it has an interesting shape.  B:Do you like it because it’s the same on both sides?  A:Yes, and that also helps it to go faster.  B:That’s a great choice! |  |

**Word Study**

Look, read, and choose.

|  |  |
| --- | --- |
| 1. People are intrigued / intriguing by her smile. |  |
| 2. It is fascinated / fascinating to study snowflakes. |  |
| 3. Mike’s parents were troubled / troubling by his report card. |  |
| 4. We were chilled / chilling by the icy ocean wind. |  |
| 5. Mary gave a piercing / pierced scream when she saw the spider. |  |

**Writing Study**

Read and choose.

1.  We went in the sea swimming / swimming in the sea .

2.  I played at the library a computer game / a computer game at the library.

3.  Susan bought some ice cream in the coffee shop / in the coffee shop some ice cream.

4.  We watched in our science class a documentary / a documentary in our science class.

5.  There is a new supermarket near our school / near our school a new supermarket.

6.  Carole studied snowflakes under the microscope / studied under the microscope snowflakes .