

# INTERVIEW WITH KATE BIBERDORF ANSWERS

**Q1.** Understand, describe, select or retrieve information.

How did a huge fireworks show help Kate to realise that she wanted a career in explosions?

**A1.** She felt the boom from the fireworks throughout her body, and it was the same feeling she'd had in a music class when she was a child.

**Q2.** Understand, describe, select or retrieve information.

Who does Kate perform as all over America?

**A2.** She performs as 'Kate the chemist'.

**Q3.** Deduce, infer or interpret information, events or ideas from texts.

After reading the text, find evidence to back up these statements.

<b>A3.</b>	<b>Statement</b>	<b>Any of the following evidence</b>
	It is very important to be safe during pyrotechnics displays.	They were showing us what could go wrong if you set up the firework display incorrectly. Let's just say that I am very glad that we were far, far away from the ignition site. Safety first, kids!
	Kate's job is varied.	I love my job because every day is different.
	Never stop trying, even if you don't succeed the first time.	If you can't fly, then run. If you can't run, then walk. If you can't walk, then crawl. But whatever you do, never ever give up!

**Q4.** Understand, describe, select or retrieve information.

Write a T or an F in each box to show whether the statements are true or false.

- A4.** Oobleck will drip through your fingers even though the substance feels like a solid.  T
- Science is full of failures, if experiments don't work you should give up.  F
- For the oobleck recipe, you need to use 23 ml of water.  F
- Oobleck can feel like both a liquid and a solid.  T

**Q5.** Understand, describe, select or retrieve information.

Put a cross in the box next to the place where Kate teaches 1,000 students.

- A5.**
- |          |                                     |
|----------|-------------------------------------|
| New York | <input type="checkbox"/>            |
| Florida  | <input type="checkbox"/>            |
| Texas    | <input checked="" type="checkbox"/> |
| Colorado | <input type="checkbox"/>            |

**Q6.** Deduce, infer or interpret information, events or ideas from texts.

Match the box on the left to the correct box on the right. Use the text to help you.

**A6.**

Hero quote	A goo that feels liquid when you handle it gently, but solid if you hit it with a spoon.
Describing oobleck	"If you can't fly, then run. If you can't run, then walk. If you can't walk, then crawl. But whatever you do, never ever give up!"
Another way to contact Kate	info@katethechemist.com

**Q7.** Understand, describe, select or retrieve information.

Find the missing letters from words in the text.

- A7.** P \_ r \_ \_ e c \_ n \_ \_ s **Pyrotechnics**  
C \_ \_ n \_ l o \_ \_ **Cornflour**  
E \_ p \_ o s \_ o \_ **Explosion**  
\_ x p \_ \_ i m \_ n t \_ **Experiments**

**Q8.** Understand, describe, select or retrieve information.

Kate says; "There is nothing like that moment." What is she talking about?

**A8.** She is referring to the best part of her job, which is doing hands-on experiments with kids and watching them experience science for the first time.

**Q9.** Identify and comment on the structure and organisation of texts, including grammatical and presentational features at text level.

What do you like about the way the text is organised? Think about things like the questions Kate is asked, the fonts, colours and boxes.

**A9.** Answers about the bold text used for questions, different coloured boxes, the Q and A letters, use of arrows to show what the text is related to – all being useful to help the reader find information quickly, keeping ideas together and looking inviting to the reader.

