

## 07 SCIENCE AND RESEARCH

---

### WATCH

---

**A Watch the video. Correct the following summaries.**

- 1 The penguins showed homosexual behaviour after they were given a chick to rear and this was the first time this behaviour had been noted. Daniel and Anna found this unsurprising.

---

---

---

- 2 The see-through frogs have been developed to do research into cancer. They all agree that this is a good idea.

---

---

---

- 3 The inhaler is used to calm patients down. It contains a hormone which autistic children have in low levels because their mothers didn't breastfeed.

---

---

---

**B Compare your ideas with a partner.****C Look at the video script. What are the missing words?****D Watch again and check your answers.**

---

### PRACTISE PRONUNCIATION

---

**A Practise the conversation in pairs.****B Which words or phrases are difficult for you? Tell a partner.****C Watch again and listen to the words / phrases that are difficult to say.**

Ask your teacher to stop the video.

Repeat the word(s) / phrases.

**D In pairs, practise reading the dialogue again.**

---

### KARAOKE

---

Watch the karaoke version and look at the video script. Act out the karaoke lines in *italics*.

---

**VIDEO SCRIPT**


---

Anna So, did you read that thing about the gay penguins that adopted a chick?

Daniel *It's not a real story, is it?*

Anna Er, I think it is, actually. It sounds possible anyway.

Nicci *So go on. Explain what happened then.*

Anna Well, apparently, there were these two male penguins who were like a couple. It said in the article they had been observed copying  
<sup>1</sup> \_\_\_\_\_.

Daniel Which means what?

Anna Well, it doesn't really explain that, so I don't know.

Nicci Use your imagination!

Anna And the zookeepers where they lived wanted to see  
<sup>2</sup> \_\_\_\_\_ to being fathers, so they gave them an egg and they watched how they dealt with it.

Nicci *So what happened? They started looking after the baby?*

Anna Yeah, basically. They sheltered the egg until it hatched and they just started  
<sup>3</sup> \_\_\_\_\_ like any other parents.

Daniel That's just weird.

Nicci *Why? It's hardly surprising – it's obviously natural, isn't it?*

Anna It says in the article that zoologists claim that homosexual-type behaviour is common in all kinds of different animals.

Daniel Yeah? I don't know ...

Nicci <sup>4</sup> \_\_\_\_\_ ! *It's the way things are.*

Anyway, what about yours?

Daniel OK. Well, did you hear that thing about the see-through frogs?

Anna No! Go on. What?

Daniel Well, apparently, these Japanese scientists have somehow developed these transparent frogs that they're going to sell for around \$100 each.

Nicci <sup>5</sup> \_\_\_\_\_ *have they done that? And why? As exotic pets or something? I don't get what they're for.*

Daniel It says they're for educational purposes, so I guess that rather than buying loads of dead frogs every time kids are supposed to cut up an animal in Biology classes ...

Anna Whoa. Stop there! Who cuts up animals at school?

Daniel *Oh, we did in my school. Didn't you?*

Anna No! Never. It's gross.

Daniel Oh, we did frogs and bulls' eyes as well.

Nicci Yuk!

Daniel Well, anyway, schools can now just invest in a see-through frog and I suppose re-use it in different classes!

Anna *It's like* <sup>6</sup> \_\_\_\_\_.

Daniel I know, but it says they've also made see-through fish and inserted cancer cells into them so they could more easily <sup>7</sup> \_\_\_\_\_ the disease, so I guess it's not that uncommon.

Nicci Well, if it helps cure cancer ...

Anna I suppose, yeah.

Nicci So ... have you heard that thing about the new hormone inhaler for people suffering with autism?

Daniel No. What is it? Like an asthma inhaler or something?

Nicci I guess so, yeah. It contains this hormone called Oxytocin and it helps people with autism notice facial signals and make eye contact better and stuff.

- Anna OK.
- Nicci *And this hormone is* <sup>8</sup> \_\_\_\_\_ *mother's milk.*
- Daniel So what? Kids who don't get fed naturally by their mothers develop autism or what?
- Nicci I don't think it's that simple, but it does say that people suffering from autism have <sup>9</sup> \_\_\_\_\_ hormone.
- Anna *But it doesn't cure it completely or anything, does it?*
- Nicci I don't think so. It sounds like they're testing on people with <sup>10</sup> \_\_\_\_\_ autism too, but it does say that most drugs they give sufferers simply treat the symptoms, and that this could be <sup>11</sup> \_\_\_\_\_ dealing with the root of the problem.
- Anna Wow! OK. So that's good, then.