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**ANSWER KEY**

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**Unit 7****A**

- 1 The penguins showed homosexual behaviour *before* they were given a chick to rear (and then they continued to act in the same way as heterosexual parents). Homosexual behaviour had been noted *many times* in animals. *Nicci* and Anna found this unsurprising, whereas Daniel just doesn't believe it!
- 2 The see-through frogs have been developed *to use in the classroom instead of dissecting dead frogs* (see-through fish have been used for cancer research). They all agree that using it to research cancer is OK.
- 3 The inhaler is used to *help them recognise facial signals* (communicate better). It contains a hormone which autistic people have in low levels *for complicated reasons they don't yet understand* (it's not that simple).

**D**

- 1 heterosexual behaviour
- 2 how they reacted
- 3 bringing up the baby
- 4 Deal with it
- 5 How on earth
- 6 some kind of sci-fi movie
- 7 trace the spread of
- 8 found naturally in
- 9 a deficit of this
- 10 milder forms of
- 11 a breakthrough in

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**VIDEO SCRIPT**

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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 heterosexual behaviour.

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 how they reacted 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 bringing up the baby 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 Deal with it! 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 How on earth 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 some kind of sci-fi movie.

Daniel I know, but it says they've also made see-through fish and inserted cancer cells into them so they could more easily trace the spread of 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 found naturally in 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 a deficit of this 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 milder forms of autism too, but it does say that most drugs they give sufferers simply treat the symptoms, and that this could be a breakthrough in dealing with the root of the problem.
- Anna Wow! OK. So that's good, then.