

Screen Strain

based on an article by **Kate Gammon**

- 1 The grocery-line screen flashes its cooking tips, and my baby twists his neck, owl-style, to gawk at the chefs making crab cakes. Screens are everywhere: not just in our homes, but our roads, planes, cars and restaurants. So what's a parent to do, when the *Academy of Pediatrics* recommends zero screen time for children under two?
- 2 20 the warning from pediatricians, research shows that three-quarters of kids under two are exposed to screens, and a lot of screens: the average infant or toddler watches 1.5 hours of television directly, and is exposed to 5.5 hours of background TV. Since infants are only awake for about 9 hours per day, that means that more than half of their waking hours somehow involve the television.
- 3 "We're technologizing childhood today in a way that's unprecedented," says sociologist and pediatrician Nicholas Christakis. He found that while television time under 3 raised the likelihood of attention problems later in life, that risk didn't exist if the young kids were watching slow-based educational programs rather than frenetic entertainment or violent programs, which have even quicker cuts and pacing than cartoons. The typical newborn brain is 333 grams in size – and it triples during the first two years of life. That astounding brain growth doesn't happen at any other point in human life – making those early years particularly crucial.
- 4 Other researchers 22 what's on the screen is more important than screen time itself. Researchers at the Children's Media Lab at the University of Iowa reported that some types of television can actually help increase vocabulary and language skills. They found that kids who watched shows that moved slowly through a story with characters had larger vocabularies than those who watched other types of programming, including "educational" shows like *Sesame Street*. The problem with some educational programs is that they are filled with "an enormous amount of information coming at them quickly," according to researcher Deborah Linebarger.



- 5 All those hours in front of screens may lead kids to develop slower in their emotional understanding of the world. Another study found that sixth-graders who went five days without exposure to technology were significantly better at reading human emotions than kids who had regular access to phones, televisions and computers.

popsci.com, 2012

Tekst 7

- 1p 19 What is the point made in paragraph 1?
- A Most children prefer watching television to doing something else.
 - B Parents put children in front of the television to keep them calm.
 - C There are too many children's programmes available nowadays.
 - D Young children see more moving electronic images than is advisable.
- 1p 20 Kies bij 20 in alinea 2 het juiste antwoord uit de gegeven mogelijkheden.
- A As a result of
 - B In spite of
 - C Instead of
- 1p 21 What is the point made by Nicholas Christakis in paragraph 3?
- A Allowing children to watch a lot of cartoons can result in a long-life addiction to easy entertainment.
 - B Limiting a baby's screen time can have undesirable effects on its educational progress.
 - C Watching programmes with a lot of scene changes in little time can harm a young child's development.
- 1p 22 Kies bij 22 in alinea 4 het juiste antwoord uit de gegeven mogelijkheden.
- A agree that
 - B question if
 - C wonder why
- 1p 23 What is the function of paragraph 5?
- A to add new information
 - B to contradict earlier arguments
 - C to promote more research
 - D to summarise the text

Bronvermelding

Een opsomming van de in dit examen gebruikte bronnen, zoals teksten en afbeeldingen, is te vinden in het bij dit examen behorende correctievoorschrift, dat na afloop van het examen wordt gepubliceerd.