

Teachers

Fun / Facts / Quiz

ROAD SAFETY

Downloadable quiz for 7 – 11 year olds

- Q1** What does reflection mean?
- Q2** What does fluorescent mean?
- Q3** Explain what it means when we say the clocks are going back?
- Q4** Why is it more dangerous to be out in the dark?
- Q5** Who invented the 'Catseyes'?
- Q6** What does 'cat burglar' mean?
- Q7** Explain letting the 'cat out of the bag'?
- Q8** What colour does the 'mirror' layer at the back of a real cat's eye glow?
- Q9** How do 'Catseyes', set in the middle of the road, help us to see the way ahead?
- Q10** Which reflects light better – white or dark colours?
- Q11** Which main groups make up 'road users'?
- Q12** Where is it safer to cross the road, particularly at night?
- Q13** What is thought to have saved countless lives on our roads over the last 70 years?
- Q14** Can cats really see better than us?
- Q15** What material is used on road signs to make sure they are seen at night as well as in the day?
- Q16** Name two uniformed people who can use reflective and fluorescent colours in the clothing?

Downloadable quiz answers

- A1** Reflective means something that reflects, or sends back light.
- A2** Fluorescent means something showing up very brightly and clearly in the daytime – usually vivid colours like pinks, yellows, greens or blues.
- A3** Clocks don't really 'go back' or reverse, it means that we physically put back the clocks by one hour, so we can try to make the shorter daylight hours of Autumn start earlier in the morning. In the spring, when daylight hours are longer, we put the clocks forward by an hour.
- A4** Other road users find it more difficult to see pedestrians in the dark – even in well lit streets, as most people tend to wear darker clothes. Car lights only show up what's directly in front of them, so often if a pedestrian steps out drivers only see them when in front of a car. It's often too late to stop. There are many shadows and parked vehicles that can often hide people standing, waiting to cross.
- A5** A British man named Percy Shaw invented the first 'Catseyes'.
- A6** A cat burglar means someone who sneaks up quietly and nimbly, like a cat, to steal something.
- A7** 'Letting a cat out of the bag' means to tell or pass on a secret. (It goes back to when piglets were sold in a bag. Dishonest sellers would often trick buyers, by putting a large cat in the bag instead!)
- A8** The mirror layer at the back of a real cat's eye glows a silvery green colour (but ruby red in Siamese cats!). Get a point if you named the colour of Siamese cats!
- A9** 'Catseyes' set in the middle of the road are angled to reflect the light back from car headlights, so the driver can see a row of them showing the road ahead.
- A10** White or light colours reflect light much better than dark colours.
- A11** Road user groups are mainly pedestrians, cyclists, riders and drivers.
- A12** It is safer to cross the road using specific safer crossings like Zebras, Pelicans, Toucans, footbridges and subways and traffic islands - particularly at night, because they are all well lit.
- A13** The invention and mass use all around the world of 'Catseyes' in the roads.
- A14** Cats can't really see better than us in complete darkness, but they can see better in low levels of light, because their eyes let in several times more light than a human eye.
- A15** Reflective, so it shines back in headlights.
- A16** All the emergency services – fire, police, ambulance, plus many road workers, wardens and school crossing patrols.