



## Dogs detecting Coronavirus

Dogs around the world have been used for many years by the military services to sniff out unexploded devices and drugs. Police services also use dogs to track criminals or missing persons. In recent years, trials have begun using dogs to detect cancers and other diseases in humans. So, trials are currently underway where different breeds of dog are being trained to detect whether people have Covid-19 or not. In the UK, a charity called Medical Detection Dogs gives dogs samples of human sweat in metal cans to sniff. The dogs can detect from this whether the person has Covid-19. So far, similar trials in Thailand have proved successful up to 95% of the time. Since September 2020, dogs at airports in Finland have been successfully detecting travellers who need to self-isolate due to Covid-19, even without showing any symptoms. Charity co-founder, Dr Claire Guest said, 'I know from my own experience how clever these dogs are. They are primed and ready for the task and we are very optimistic we can help in the fight against coronavirus.' Her own Labrador, Daisy, detected an undiagnosed illness from her body odour in 2009.



*Pictured: A Labrador sniffing a sweat sample for signs of Covid-19 in Thailand*  
Source: @ManipalDigest

## Queen's Green Scheme



*Pictured: Queen Elizabeth II and Prince Charles plant the first tree*  
Source: @QGCanopy the official Twitter page for the scheme

Queen Elizabeth II is due to celebrate her Platinum Jubilee in 2022. This means that she has been on the throne as the Queen of the United Kingdom and Commonwealth countries for 70 years. She was crowned queen in June 1953 in Westminster Abbey, London. She is now 95 years old. In honour of the occasion, she has decided to launch her jubilee with a new tree planting initiative. The scheme is being called The Queen's Green Canopy. It was launched on Monday 17<sup>th</sup> May after Her Majesty, Queen Elizabeth and her son, His Royal Highness Prince Charles planted an oak sapling in the grounds of Windsor Castle. People are being encouraged to 'plant a tree for the jubilee' to help with climate change. The acorn which the sapling grew from, was cultivated from acorns found on the battlefields after World War One. Prince Charles said in a statement, 'Planting a tree is a statement of hope and faith in the future.'



## Used cooking oil powers French jet

Bosses from the American airline Delta have been studying the future of air travel carefully in recent years. They reported last month that by 2050 there could be more than 12 billion passengers travelling by air. If this happens, more than 63,000 commercial aircraft will be needed to carry so many people. The effects of this on carbon emissions would be tremendous. It is estimated that 14.2 million barrels of fuel per day would be used, emitting 2 Gigatons of carbon dioxide into the atmosphere a year. This is an increase of 94% in 31 years. In a bid to combat the effects of jet fuel on the environment, the airline Air France-KLM launched its first long-haul flight partially powered by sustainable aviation fuel. The Airbus A350 jet made its journey from Paris to Montreal, Canada with 16% of the biofuel in its tank derived from used cooking oil! Long haul flights cover long distances and take a lot of time. Several airlines have suggested that for the time being, biofuels should only be used on short haul flights.



*Pictured: Air France-KLM jet and the refuelling tanker at Charles de Gaulle Airport, Paris  
Source: @The\_AEF*

## Your thoughts on last week's news...

*I love Pop-Its. It helps me with emotions and when I'm bored I will always know what to play with. It is just like bubble wrap but reusable.*  
Meliah – age 10



*Yes, because as children we learn through touch, feel play, see and hear. It is more fun to learn through visual and physical objects as sometimes some of us will get confused or lost if things can't be seen or touched.*  
Ethan – age 9

*I think sensory toys should be used in the classroom because as long as they don't make a noise they could keep kids entertained when the teacher is speaking.*  
Josie – age 10

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I think...



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