

ESCOLA BÁSICA E SECUNDÁRIA DE MONDIM DE BASTO

School Year: 2019/2010

CURSO PROFISSIONAL

TÉCNICO DE GESTÃO E PROGRAMAÇÃO DE SISTEMAS INFORMÁTICOS

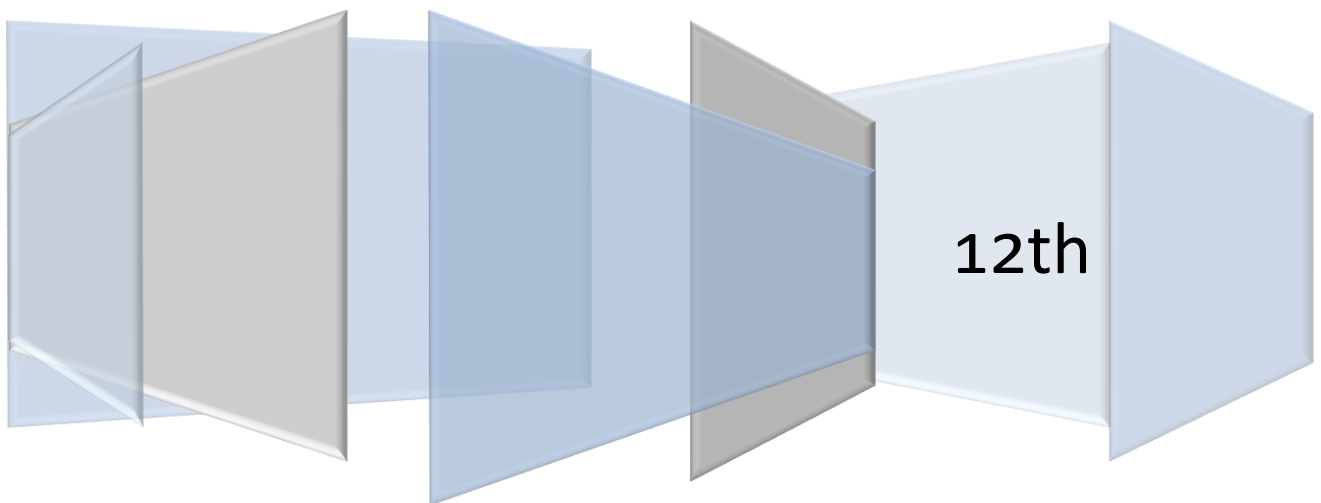
ENGLISH

Module 8: *The World of Work*

JOBS

Hugo Barreira, no. 4
José Domingos Martins, no. 6

Teacher: Helena Rodrigues



I – JOBS THAT NO LONGER EXIST

Ice Cutter

Before modern refrigeration techniques became widespread, **ice cutters** would saw up the ice on frozen lakes for people to use in their cellars and refrigerators. It was a dangerous job often done in extreme conditions.



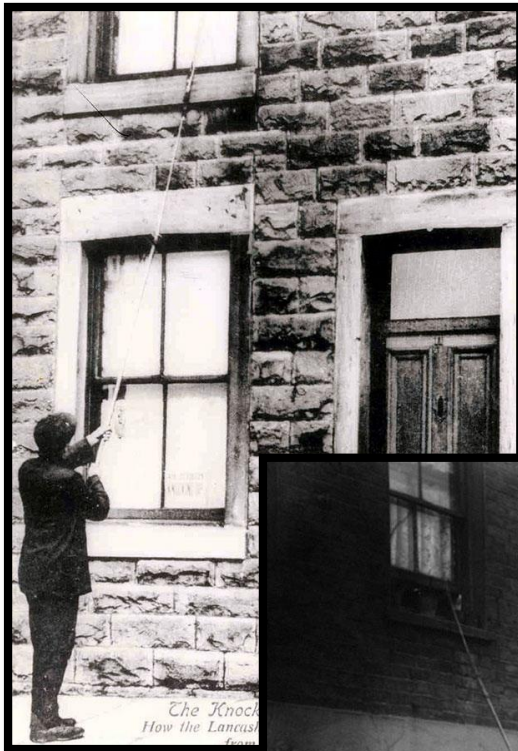
Rat Catcher

Rat catchers were employed in Europe to control rat populations. They ran high risks of suffering bites and infections, but helped prevent these from spreading to the public.



Human Alarm Clock

Knocker-uppers were essentially alarm clocks – they were hired to ensure that people would wake up on time for their own jobs. They would use sticks, clubs or pebbles to knock on clients' windows and doors.



II – JOBS THAT WILL DISAPPEAR BY 2030

Lumberjacks

As more and more paper products become digital, and corporations and governments shift towards a greener and more sustainable environment, **lumberjacks** are increasingly becoming an endangered species. There are already massive amounts of research into the development of alternative eco-friendly building materials, as well as talk about the longer term future of human labour being replaced by more sophisticated and advanced technologies.



Taxi / Uber Drivers

Driverless cars might once have been the domain of science fiction and James Bond movies, but with advances in technology, companies such as *Waymo* (Google's sister company) are getting increasingly closer to bringing one to market. This doesn't exactly bode well for those who make a living out of driving, such as taxi and Uber drivers.

It's not all bad news though. *Waymo* CEO, John Krafcik, is yet to give a timeline for when these cars will be introduced, and journalists who were given a demonstration of the company's progress recently have stated the technology is still in a primitive stage.



Cashiers

There has been increased talk in the last few years about the reality of a cashless society, with advances in contactless payments, *Apple Pay* and even cryptocurrencies such as *BitCoin* becoming prominent within mainstream society. While not everyone is on board, with some preferring to still use cash to better track their spending, one thing is for sure: the requirement for people to handle the payments is no more. With self-service tills and stations already a common site in supermarket chains and popular restaurants such as *McDonald's*, the demise of the **cashier** seems inevitable.

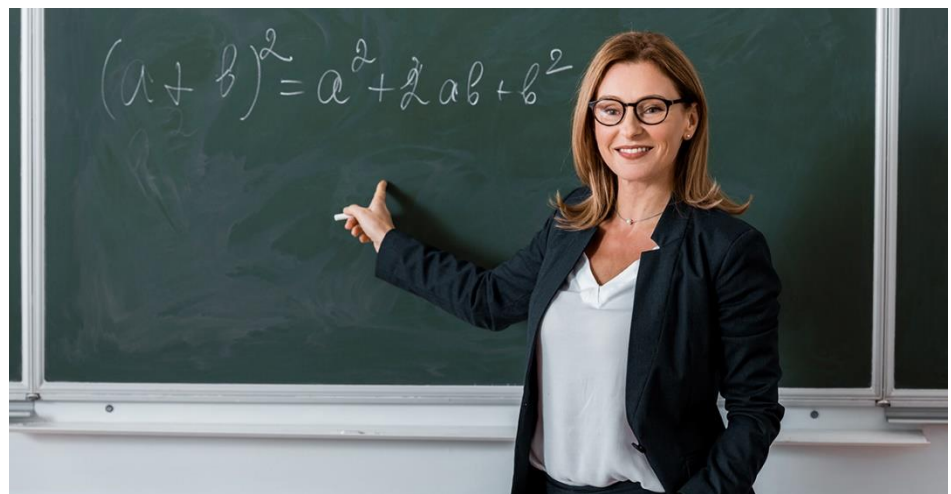


III – JOBS IN DEMAND IN THE FUTURE

Teachers

The future workforce will need a wide knowledge base as well as specialist skills. That means we will need people to teach subjects such as English language, history and philosophy to prepare candidates for future jobs.

In the *Nesta* report, **teachers** and other public sector jobs farewell against the threat of automation. Robots can't get their pincers around interpersonal skills just yet.



Healthcare Professionals

As people live longer, we will need **doctors**, nurses and **physiotherapists** to look after us. But as medicines and living conditions improve, chances are we will live our golden years in good health. Counsellors will help us learn, work and stay culturally aware in our 80s and 90s. And **care workers** will rig up the wearable technology to monitor heart rates, blood-glucose levels and sleep patterns.



Engineers

More and more people are moving to cities to work and live. To accommodate them, we will need **electrical engineers** to wire our smart homes, **civil engineers** to design our roads, **software engineers** to connect streetlights to the internet, and **environmental engineers** to power them when oil runs out. But it is **sales engineers**, with in-demand technical knowledge of the goods and their market, who come out on top in the survey.

