

Gymnázium, základní škola a mateřská škola Hello s.r.o.



Co-funded by the
Erasmus+ Programme
of the European Union

Název aktivity/lekce:	Industrial revolution
Doporučený ročník:	8. Ročník ZŠ
Doporučená úroveň jazyka:	A2
Cíl:	žák aktivně vyhledává a zpracovává informace kombinovaně v mateřské i cizím jazyce Žák pracuje s historickou mapou Žák diskutuje o vylepšení parního stroje
Čas:	20 minut
Vyhotovil/a:	Mgr. Dennis Hennhofer

Industrial revolution

Mgr. Dennis Hennhofer

Methodology slot

- The work of students is based on use of coursebook:

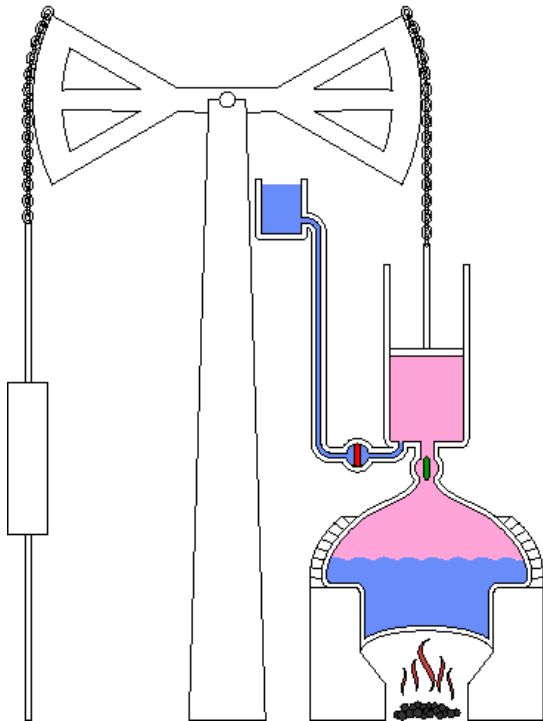
FRONK, Václav, Václava KORCOVÁ, a kol. Dějepis 8: Modernizace společnosti – učebnice pro základní školy víceletá gymnázia. Plzeň: Fraus, 2010. ISBN 978-80-7238-561-4.

Worksheet

- 1.) Investigate from the coursebook when and where the industrial revolution started (p. 58) and make a note.
- 2.) Investigate from the coursebook what resources were needed for cities to grow or to build new (p. 56). Then look in the maps (p. 58) and in pairs discuss which cities in the UK and Czech lands could become the first industrial cities.
- 3.) The 19th century is sometimes called the century of steam. Why? Which inventor improved a steam engine (p. 54)?

4.) Compare the motion of the Newcomen's atmospheric engine and the Watt's steam engine. Discuss what changed and why the new type of movement is better.

Atmospheric engine by Thomas Newcomen (1712)



Steam engine by James Watt (1769)

