RIDE & SMILE

Bicycle - ways to school

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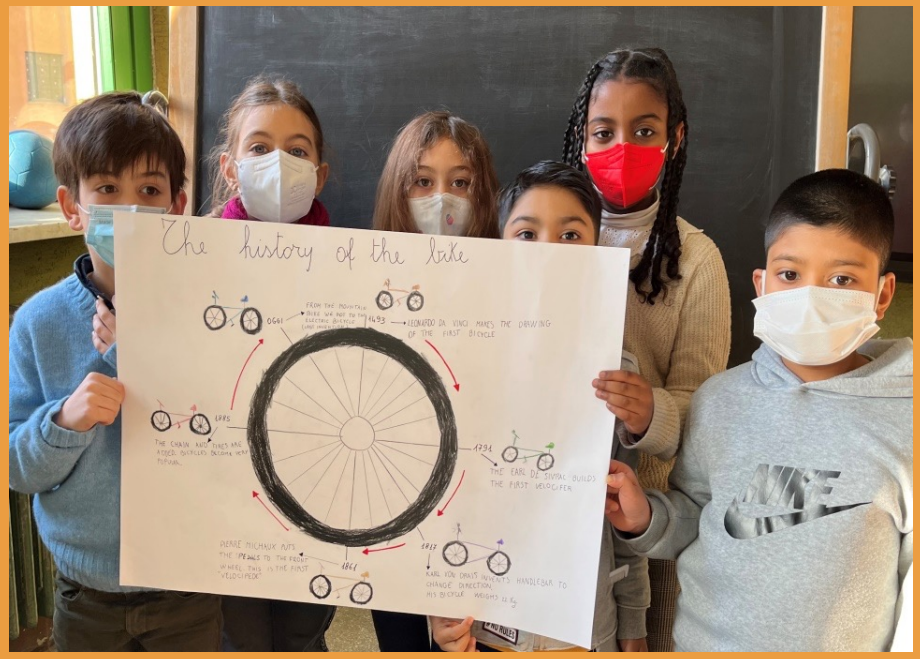
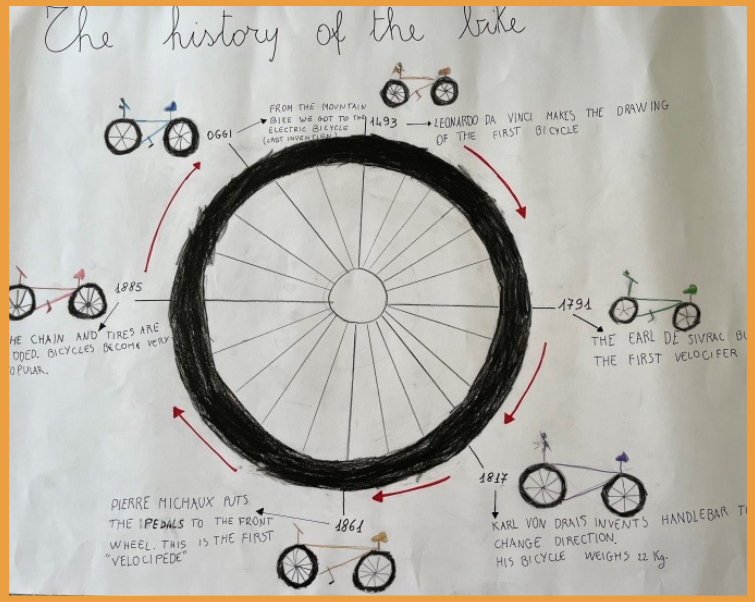
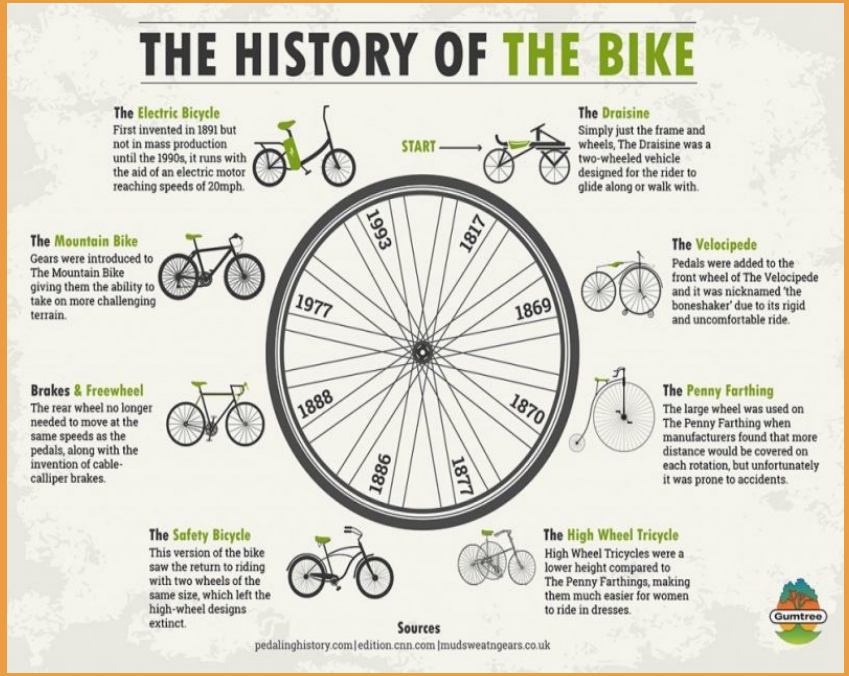
Ride and Smile **Educational activities on environmental awareness**	**Module:** **Bicycle: ways to school**	**Target group:** 8 - 9 years
Subject(s): Primary Science and Social Sciences, Mathematics, Italian, Art, English, History **Topic:** Bicycle: ways to school **Duration:** 25 hours **Material:** Worksheet		
Content areas / Main key areas: • Nature and environment • Body and health • Technology, digital technology and work • Democracy and Society • Time and change	**Description:** The theme „Ways to school“ was developed in two different ways. This is one of them. To improve the conditions of urban mobility, the use of bicycles, which are the easiest to use and least polluting means of transportation in our time, is important. Know the history of the bicycle from its origins and the invention of it. Traffic education and sustainable mobility.	
Learning requirements: The learners • know the names of different means of transport • can find places in an atlas or digital maps	**Learning objectives / Expected competences:** The learners • can search and learn about the history of the bicycle; • understanding its evolution • know and understand the parts of the bicycle and their function • translate and learn about bicycle parts in English (interdisciplinary activities). • understand the importance of using the bicycle when traveling to improve the environment and health	

Lesson plan			
Sequencing & phase objective	**Action steps and impulses**	**Concretized competence expectations**	**Learning materials**
Phase 1 **Getting started** **Introduction** • The story of the bicycle	• Open discussion on the bicycle and its story. • Observation of the drawing of Leonardo da Vinci's first bicycle. • Research of data on the evolution of the bicycle from the „Velocifero" to the bike as we know it today.	The learners can • research texts and websites to find information and reconstruct the history of the bicycle. • learn the names by which this medium was called according to the historical period and its characteristics. • understood the use that was made of the bike according to its characteristics.	Billboards on the story of the bicycle.
Additional hints, media, useful links https://youtu.be/-ftHWtwSGZ0 https://youtu.be/JpuoetU_JWg https://youtu.be/py8sgHZyMD4 https://www.focusjunior.it/tecnologia/invenzioni/chi-ha-inventato-la-bicicletta/			

Impressions







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Phase 2 **Parts of the bicycle**	• Observation of the bicycle and its parts • Understand the importance of each part of the bicycle and its function • Translation of terms in English	The learners • identify the right terms for the various parts of the bicycle in both Italian and English and learned the functions of each.	Drawings on the bicycle Discussion of the various terms Posters and representations of the bicycle with various kinds of materials
Additional hints, media, useful links https://youtu.be/qX2E1Cfn4cU			
Impressions			

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Phase 3 SUSTAINABLE MOBILITY: The importance of the use of bicycles for health and the environment	• Open discussion on the environment. • Discussion on air pollution produced by various means of transport • Identify the means and ways used to move from home to school, in the neighborhood and in the city • Analyze and identify ways to intervene to improve the health of the environment and people	The learners can • study and discuss the aspects and effects that pollution can have on the health of humans and the planet. • investigated the means they and their families use to get around the neighborhood and the city	Statistical surveys Creation of ideograms and histograms
Additional hints, media, useful link: https://it.m.wikipedia.org/wiki/Mobilit%C3%A0_sostenibile#:~:text=L‘espressione%20mobilit%C3%A0%20sostenibile%20indica,l‘inquinamento%20atmosferico https://youtu.be/TVW1Fe4OKI8			

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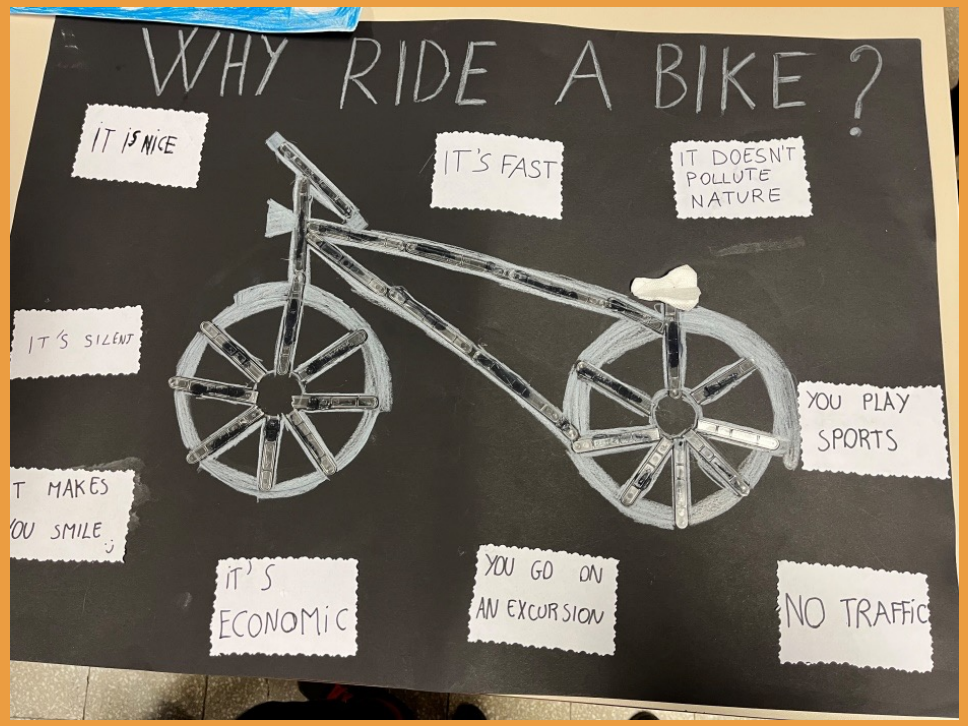

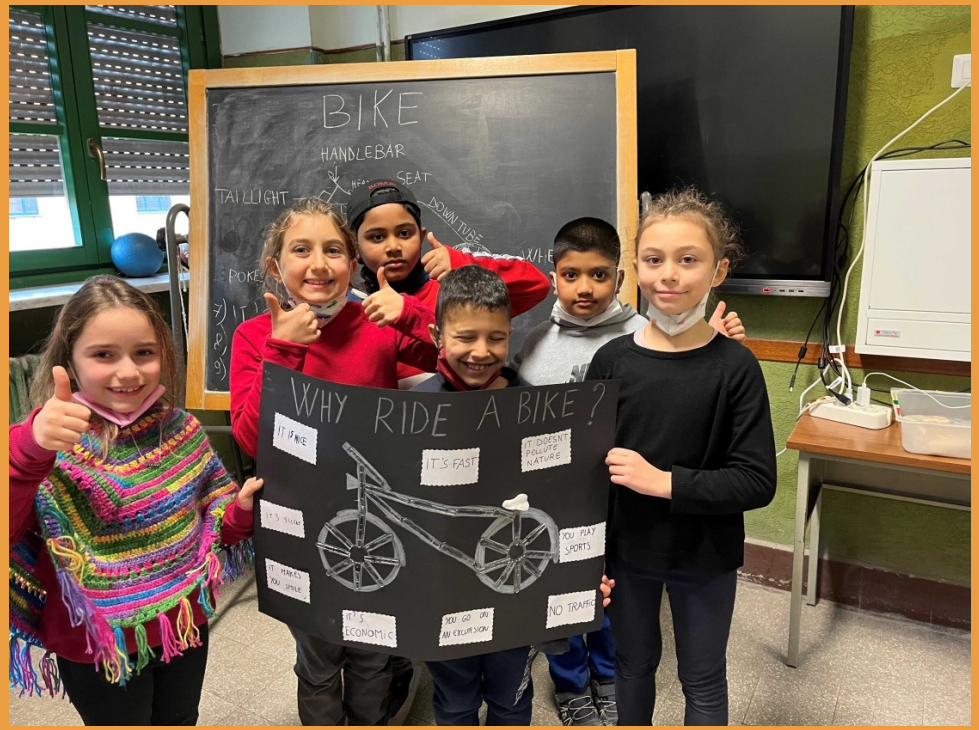

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Phase 4 **Class 3A -4A** **STOP EMOTICON**	• To know the stop emoticon and the realization phases. • Strengthen creative, artistic and expressive skills: know how to coordinate manual production techniques trough digital tools (eg producing simple sets with paper or recycled materials, drawing and cutting them out)	The learners • download application used on your device; use the “Stop Motion” application to make animated movies from photographs.	Photos, drawings, colours, camera
Additional hints, media, useful links https://www.youtube.com/watch?v=7nsSaneA9m0 (Italian language)			