GENDER EQUALITY: THE ADVENTURE OF BOTTI AND HIS SPACESHIP

MATIO. Coding literacy for the lessons.







FINISH



EduMat.

Co-funded by the European Union

Project Number: 2023-1-IT02-KA220-SCH-000157934

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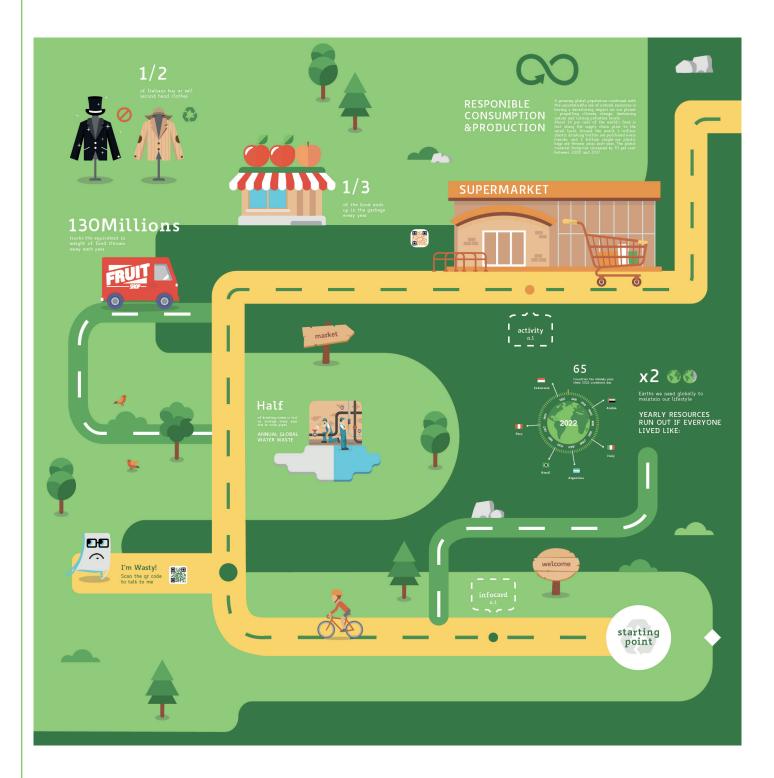




• Section of the map

This section of the map is dedicated to the first lesson and is used as a background on Scratch.

With Robbie, an aspiring guide inside the Junky Park museum, in the first lesson students will identify key principles of the 7Rs of sustainable consumption, understanding the importance of reducing superfluous purchases.



Refuse and Reduce

Activities description

The screenshot n. 0 shows the "Backdrops" code blocks of the four lessons loaded in the Stage section

The screenshot n. 1 refers to the code blocks related to the "Bowtie" sprite

The screenshot n. 2 refers to the code blocks related to the "Glasses" sprite

The screenshot n. 3 refers to the code blocks related to the "Microphone" sprite

The screenshots n. 4 refers to the code blocks related to the "Robot" sprite

The screenshot n. 5 refers to the code blocks related to the "Shoes" sprite

The screenshot n. 6 refers to the code blocks related to the "Sin titulo-1" sprite

DISCLAIMER

for each sprite, in alphabetical order, and not to the individual activities. These sprites can interact with each other within the lesson.

The division of the codes into the four lessons is only explanatory. The Mat coding file is unique and contains all the code blocks of the four lessons necessary for the operation of the program, always associated with the single Sprite.









when 1 • key pressed															4	
switch backdrop to 10_Spagna_	Lez1 🔻															
when 🏲 clicked																
show																
go to x: 150 y: -110																
switch costume to robot-a -	н. — н. -															
wait 1 seconds																
say Hi, I'm Robbie and I'm goi	ing to be w	our quid	e through	the lu	inky Par	k Musei	um f	for 5		conds						
~					-					contas						
say You are my first group, we	ould you lik	.e me to	accompa	iny you	? for	5 s	econd	s								
say I will explain to you the im	portance o	of respor	nsible pro	duction	and co	nsumpti	on to s	afegu	ard the	e envi	ronm	ent.	for	5	secor	nds
say Oh! We are at the starting	g point fo	r 2	seconds													
repeat 2																
wait 1 seconds																
hide																
wait 1 seconds																
show a second																
аной • • • • •																
wait until key left arrow -	pressed?															
glide 1 secs to x: 56 y:	-110															
wait 2 seconds																
say Let's continue? for 2	seconds	s														
repeat 2																
wait 1 seconds																
hide																
wait 1 seconds																
show																
	propod2															
wait until key left arrow -	pressed?															
glide 1 secs to x: -80 y:	-110															
glide 1 secs to x: -80 y:	-77															
say Hi Wasty! for 2 se	conds															
say Click on the microphone	101 2	secon	μs													
wait until 🔍 key 🛛 up arrow 👻	pressed?															
glide 1 secs to x: -80 y:	67															
glide 1 secs to x: 74 y:	67															
repeat 2																
wait 1 seconds																
hide																
wait 1 seconds																
show a second																
9 1 1																
wait until key right arrow •	pressed	2														
glide 1 secs to x: 154 y	67															
glide 1 secs to x: 154 y	: 155															
say Press "2" to continue for		econds														
		sonds														
hide																



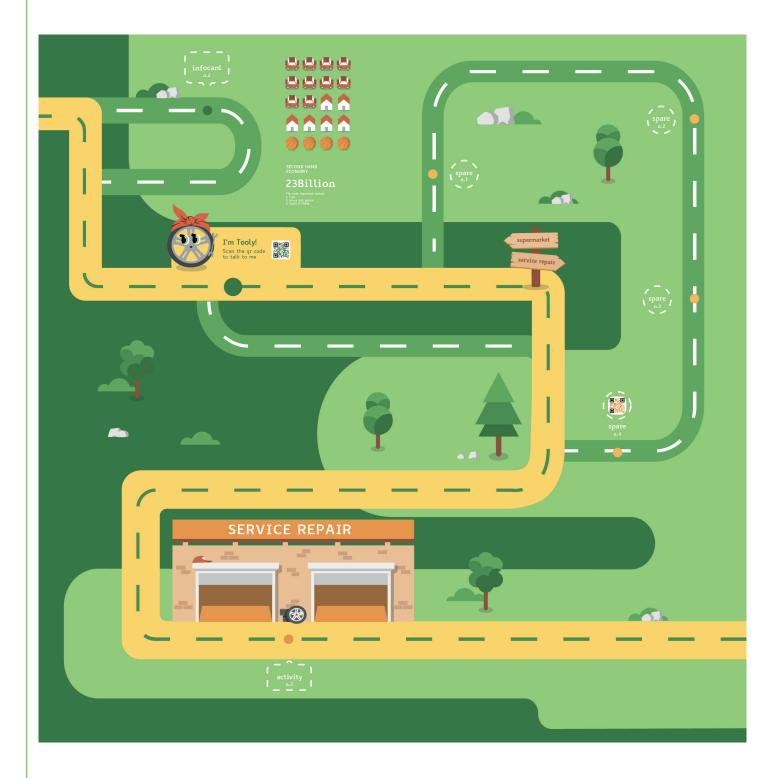
33																
15																
	w	ien	Cl 🔍	icked	1											
	hic	le														
39																



\diamond Section of the map

This section of the map is dedicated to the third lesson and is used as a background on Scratch.

In the second lesson children will learn the importance of Reuse as a key principle of the 7Rs, recognizing how giving new life to items extends their usefulness and reduces waste.



Reuse

Activities description

The screenshot n. 1 refers to the code blocks related to the "Bowtie" sprite

The screenshot n. 2 refers to the code blocks related to the "Glasses" sprite

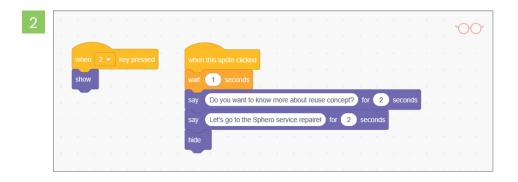
The screenshot n. 3 refers to the code blocks related to the "Microphone" sprite

The screenshots n. 4a, 4b and 4c refer to the code blocks related to the "Robot" sprite

The screenshot n. 5 refers to the code blocks related to the "Shoes" sprite

The screenshot n. 6 refers to the code blocks related to the "Sin titulo-1" sprite





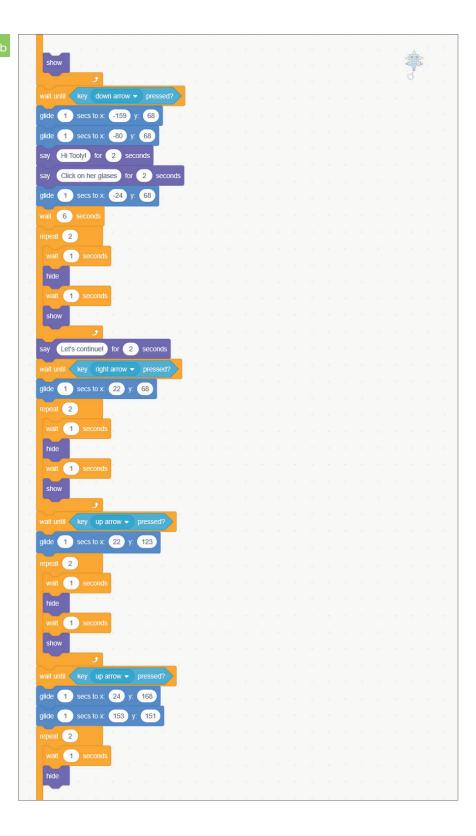


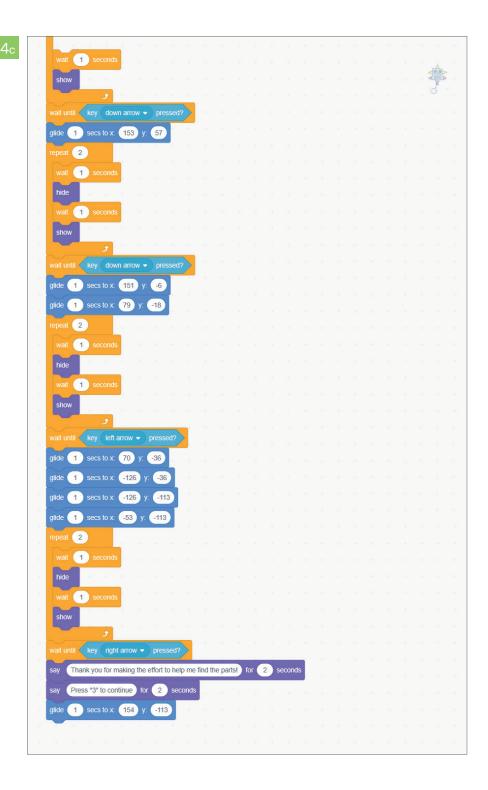
DISCLAIMER:

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The division of the codes into the four lessons is only explanatory. The Mat coding file is unique and contains all the code blocks of the four lessons necessary for the operation of the program, always associated with the single Sprite.

		boood															
when 2	 key pro 	essed															
switch ba	ckdrop to	10_Spaç	gna_Le	ez2 🔻) .												
show																	
go to x:	-159 y:	152															
wait 4	seconds																
say Le	et's get to kn	ow the m	nuseun	n! Let's	s go ove	er to To	ooly a	nd see	what sh	ie has ti	o tell u	s. fo	r (4	se	conds		
		ow the m	nuseun	n! Let's	go ove	er to To	ooly ar	nd see	what st	ie has t	o tell u	s. fo	r 4) se	conds		
repeat	et's get to kn		nuseun	n! Let's	go ove	er to To	ooly ar	nd see	what sh	ie has ti	o tell u	s. fo	и 4 4) se	conds		
repeat	tt's get to kn		nuseur	m! Let's	go ove	er to To	ooly ar	nd see	what sh	ie has ti	o tell u	s. fo	r 4) se	conds		
repeat wait	tt's get to kn	is	nuseur	m! Let's	go ove	er to To	poly a	nd see	what sł	ne has t	o tell u	s. fo	r 4	se	conds		







6															7
0															
	when	2 -	key	press	ed										
	hide														•
															•



 \diamondsuit Section of the map

This section of the map is dedicated to the third lesson and is used as a background on Scratch.

In the third lesson Children will learn that Repurpose means transforming items or waste that cannot be refused, reduced, or reused into something new and useful, helping to minimize their environmental impact.



Repurpose

Activities description

The screenshot n. 1 refers to the code blocks related to the "Bowtie" sprite

The screenshot n. 2 refers to the code blocks related to the "Glasses" sprite

The screenshot n. 3 refers to the code blocks related to the "Microphone" sprite

The screenshots n. 4a and 4b refer to the code blocks related to the "Robot" sprite

The screenshot n. 5 refers to the code blocks related to the "Shoes" sprite

The screenshot n. 6 refers to the code blocks related to the "Sin titulo-1" sprite

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	uton basiden quitabas t	10. 000000 1.072 -					
	vnen backdrop switches ic	T0_Spagna_Lezs ▼					
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	when ba	ackdro	op swite	ches t	to 1	0_Spa	igna_	Lez3	•								
	hide																

		3	3	3	2	3	2									
when	backd							•								
hide																

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when 3 - I	key pressed	1	1.1									-0
glide 🚺 se	cs to x: -169	y: -11	1									
say Now, let	's meet Shade	for	2 se	conds	1.0							
repeat 2												
	a de la											
wait 1 s	seconds											
hide 💿												
wait 1	seconds											
show	10 10 10 10 10 10 10 10 10 10 10 10 10 1											
	۲ اور رو											
wait until ke	y right arrow •	pres	sed?	1.1								
glide 1 se	cs to x: -80	y: -111										
glide 1 se	cs to x: -80	y: 32										
glide 🚺 se	cs to x: 🕘 y	7: 32	<									
say Hello St	nadel for 2	secon	ds									
say Click on	his shoes for	2 s	econds									
glide 1 se	cs to x: 54 y	7: 32										
wait 4 see	conds											
repeat 2												

wait 1	seconds																		
	Jeconus																		
hide																			
wait 1	seconds																		
show	، ، و						-						-						
say Hey,	we have a s	souvenii	r shop, r	naybe	we ca	an get	t inspi	ration	or fin	d othe	r obje	ects w	ith wh	ich [1	for	6	second	s
wait until	key up a	rrow 🔻		ed?															
glide 1	secs to x:	61 y	: 99																
glide 1	secs to x:	124	y: 99																
repeat 2																			
wait 1	seconds																		
hide																			
wait 1	seconds																		
show	و																		
say Pres	s "4" to cont	tinue) f	for 2) seco	onds														
	key right	arrow	pres	sed?															
wait until <																			

when	3				1																	
show																						
when				a																		
wait	1																					
say	Hel	lo! M	y grea	itest v	vish i	s to re	furnis	h an e	enviro	nment	or sp	ace	Cou	ıld you	u help	me?	for	4	sec	onds		
hide	Г														,							

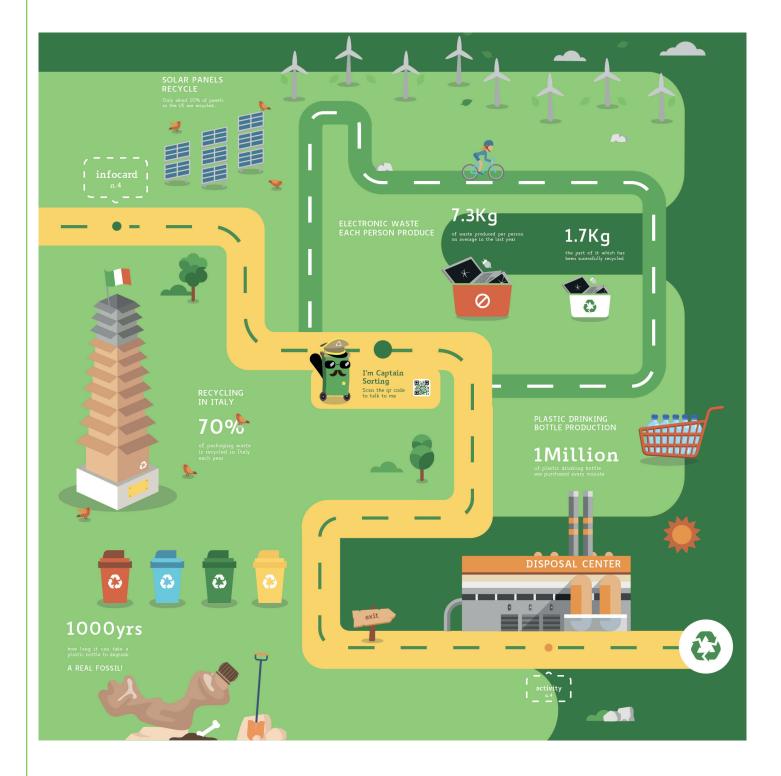
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	83) -	hide	2																					
	s.)																							
	83																							



• Section of the map

This section of the map is dedicated to the fourth lesson and is used as a background on Scratch.

In the final lesson students will understand how recycling helps reduce landfill waste, save energy, and minimize pollution, making it a critical part of protecting the environment.



Recycling

Activities description

The screenshot n. 1 refers to the code blocks related to the "Bowtie" sprite

The screenshot n. 2 refers to the code blocks related to the "Glasses" sprite

The screenshot n. 3 refers to the code blocks related to the "Microphone" sprite

The screenshots n. 4a and 4b refer to the code blocks related to the "Robot" sprite

The screenshot n. 5 refers to the code blocks related to the "Shoes" sprite

The screenshot n. 6 refers to the code blocks related to the "Sin titulo-1" sprite





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		whe	h back	drop s	witch	es to	10_9	Spagr	na_Le	z4 💌								. [
	124	hide																	
	- 35																		



The screenshots refer to the code for each sprite, in alphabetical order, and not to the individual activities. These sprites can interact with each other within the lesson.

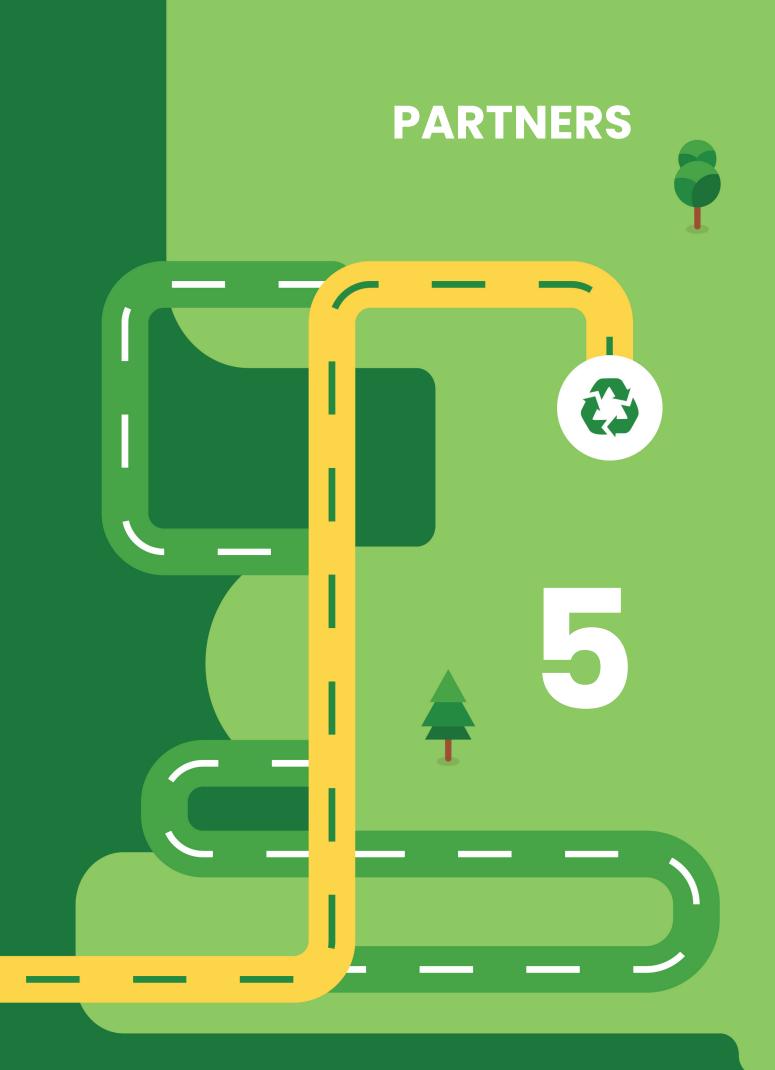
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	ssed												
glide 1 secs to x	-169	y: 97											
say Let's meet Cap	tain Clas	sificatio	n) for	3	sec	onds							
repeat 2													
wait 1 second	s												
hide													
wait 1 second													
wait 1 second	5 												
show													
و	2												
wait until Key rigt	nt arrow ·	pres	ssed?										
glide 1 secs to x	-77	y: 97) (A.										
glide 1 secs to x	-77	y: 36											
glide 1 secs to x	-5 v	r. 36	1										
say Hi director! fo	or 2	second	s										
say Click on his bo	w tie fo	or (2)	seco	nds									
wait 10 seconds													
say Let's read then	n!) for (2 se	conds										
repeat 2													

						2		<u></u>	1		0	12		-
wait 1	seconds	e e												V
hide		. з												
wait 1	seconds													
show														
	٦	8. S	2	22	5									
wait until	key right a	arrow 👻												
jlide 1	secs to x:	37 y:	36											
glide 1	secs to x:	37 y:	-50											
glide 1	secs to x:	-34 y:	-50	Ĩ.										
glide 1	secs to x:	-34 y:	-115											
	secs to x:	79 y:	-115											
glide 1														
	seconds													
wait 1	seconds	_		seco	nds									

													-	
-	when t					•								
2	hide	- 54												
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🗘 Main partners



eventos científicos

SPAIN

Esciencia is an SME based in Zaragoza established in 2006 as a spin-off of the University of Zaragoza. Esciencia Eventos Científicos S.L. is dedicated to the management and organization of science dissemination projects. The company offers both consulting services and the design of educational programs.



ITALY

Sapienza University of Rome, (Department of Planning, Design, Technology of Architecture). Sapienza was founded by Pope Boniface VIII in 1303. It's one of the oldest universities in the world and the second largest University in EU, with 11 faculties, 63 departments, 111.000 students and more than 4.700 professors.

🔿 All partners



ITALY

The CISL Scuola (Confederazione Italiana Sindacati Lavoratori - Scuola) is the union of the staff of primary and nursery schools, secondary schools and vocational training of the CISL. It was founded in 1997 by the union of SINASCEL (National Union Elementary School) and SISM (Italian Union of Middle School).



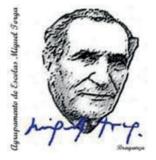
ITALY

Pixel is an education and training institution based in Florence (Italy). Pixel was founded in 1999. Pixel's mission is to promote an innovative approach to education, training and culture, this is done mostly by trying to exploit the best potential of ICT for education and training.



ROMANIA

EuroEd Primary School includes a Kindergarten and a primary school. Both are accredited by the Romanian Ministry of Education. It promotes the EU dimension of education and it also encourages multiculturalism and multilingualism by providing education to children of different nationalities or ethnic groups.



PORTUGAL

The Agrupamento de Escolas Miguel Torga is a school located in Bragança, Portugal, an inland city of the country. The school consists of three buildings, two for preschool and elementary school and one for secondary and high school. There are 88 teachers, 2 psychologists and also a speech therapist.



BULGARIA

Zinev Art Technologies Ltd. is a company developing, implementing and managing European projects and providing consultations in the spheres of culture, art, Internet-based activities and education, VET, e-learning and school education development, as well as regional development.





Co-funded by the European Union