

Oz è igl De dallas inventadras  
e digls inventaders

la roda

igl telefonign

igl trampolin

igl aviun



**NOVEMBER**

 Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

text: Charitina Josty, illustraziun: Yvonne Gièni,  
grafica: Theres Jäger  
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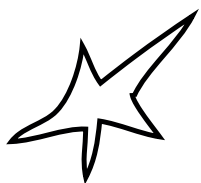
**KIDSFITSCHE**  
Lia Rumantscha

# Igl De dallas inventadras e digls inventaders

Tgi ò invento ansasez las tgossas tgi nous duvragn mintga de? Tgi ò invento igl telefonign, igl peir electric, igl velo, la frestgera, igl palpieri u las jeans? Bleras da chellas tgossas èn betg stadas cò dad en de a l'oter. Ensatgi ò stuia avoir igl ampren l'ideia e zamberger amprenas versiuns dallas tgossas. Chellas persungas ins nomna inventadras ed inventaders. Scu per exaimpel Thomas Edison tgi ò fatg experimaints cun forza electrica e tgi ò gido ad inventar igl peir electric. El ò mai cedia! Cura tgi el leva inventar ensatge ed i funcziunava betg immediat, scheva el: «la va betg disdetg, ia va simplamaintg catto 10'000 modas scu tgi funcziunescha betg.»

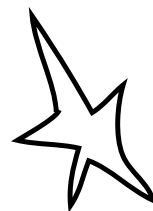
Inventadras ed inventaders èn persungas cun fantascheia, ideias e curasch. Scu per exaimpel Hedy Lamarr. Ella era actoura a Hollywood ed inventadra. Igl onn 1941 ò ella laschea patentar en'invenziun dalla tecnica da func tgi è pi tard davantada la basa per igls noss telefonigns ed igl wlan. Hedy Lamarr ò mai survagnia raps per la sia invenziun. Per paia è igl sies de da naschienscha, igls 9 da november, davanto igl De dallas inventadras e digls inventaders. Aglmanc an Svizra, Austria e Germania. Ainten oters paeis dattigl oters deis dallas inventadras e digls inventaders u deis dallas invenziuns, ma i vo per igl madem: las invenziuns ed igl curasch dallas inventadras e digls inventaders duessan inspirar nous tots. Mintgign e mintgigna pudess inventar ensatge!

Ast te er gio invento ensatge?  
Forsa en gi u en tarmagl ?



Tge ins stuess inventar tenor tè?

Canoschas te inventadras  
u inventaders?



Dumonda agls ties genitours u a  
ties tat ed a tia tatta: Tge invenziun  
ò mido lour veta igl pi fitg?



# Invenziuns interessantas u/e impurtantas

invenziun	inventader/inventadra	onn
● la roda	nunancunaschaint	3'500 avant Cristus
● igl palpieri	Cai Lun	105 siva Cristus
● igl velo	Karl Drais	1817
● la maschina per far glatsch (per magler)	Nancy Johnson	1843
● igl telefon	Philipp Reiss	1861
● igl schlogn	Thomas Adams	1870
● las jeans	Levi Strauss	1873
● la frestgera	Carl von Linde	1876
● igl peir electric	Thomas Edison	1879
● igl auto	Karl Benz	1885
● Coca-Cola	John Stith Pemberton	1886
● igl tschitschapolvra	Hubert Cecil Booth	1901
● igl ursign/igl teddy	Richard Steiff	1902
● igl aviun	frars Wright	1903
● igl jojo	Charles Hettrick	1928
● igl trampolin	George Nissen	1936
● igl amprem computer	Konrad Zuse	1941
● LEGO	Ole Kirk Christiansen	1949
● igl pez per duvrar eneda	Marion Donovan	1950
● la cella solara	G. Pearson, D. Chapin, C. Fuller	1954
● igl rentg da hula-hoop	Richard Knerr ed Arthur Melin	1958
● igl e-mail	Ray Tomlinson	1971
● igl telefonign	Martin Cooper	1973
● WiFi	Vic Hayes	1997
● igl smartphone	differentas firmas, p. ex. Apple	2007

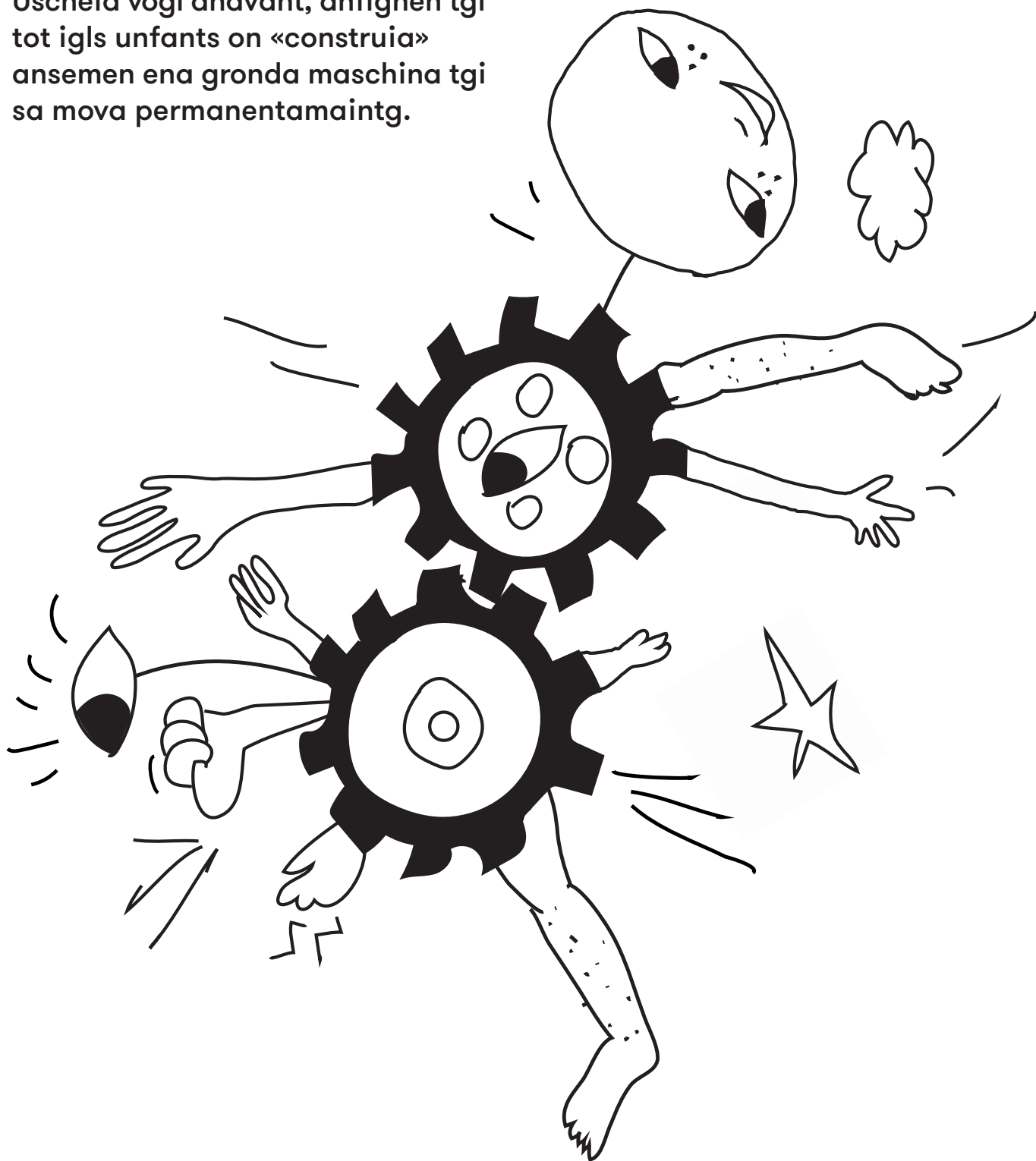
# Invenziuns svizras

invenziun	inventader/inventadra	onn
● la Crousch Cotschna	Henry Dunant	1863
● Maggi	Julius Maggi	1886
● la tschigulatta da latg	Daniel Peter	1875
● igl cuntel da cassatga	Karl Elsener	1891
● igl aspirin (med cunter las dolours)	Felix Hoffmann	1897
● igl caschiel Tête de moine	Fritz Bichsel	1899
● la boglia da Bircher	Maximilian Oskar Bircher-Brenner	anturn igl 1900
● igl vial da bob	Caspar Badrutt	1904
● Ovomaltine	Abert Wander	1904
● la folia d'aluminium	Heinrich Alfred Gautschi	1905
● igl cellofan (folia transparenta)	Jacques Edwin Brandenberger	1908
● la seranetga	Martin O. Winterhalter	1923
● igl runal	Ernst Gustav Constam	1930
● Nescafé	Max Morgenthaler	1936
● Ricola	Emil Richterich	1940
● Aromat	Walter Obrist	1945
● igl spelatscheder	Alfred Neweczeral	1947
● igl smatga-âgl	Karl Zysset	ils onns 1950
● Rivella	Robert Barth	1950
● la seradeira da crocs	Georges de Mestral	1951
● igl mixer a batgetta	Roger Perrinjaquet	1954
● Swatch (oura)	Nicolas Hayek	1983
● igl world wide web	Tim Berners-Lee (CERN Geneva)	1990
● Doodle	Michael Näf e Paul E. Sevinç	2003
● igl aviun solar (Solar Impulse II)	Bertrand Piccard	2015

# Invenziun: maschina d'unfants 1

- 1 Tot igls unfants fon en rentg.
- 2 Unfant A vo aint igl rentg e scu-mainza a far en simpel movimaint tgi sa repeta.
- 3 Unfant B vign vetiers e fò en oter movimaint – scu en nov toc dalla maschina.
- 4 Unfant C vign vetiers e fò puspe en oter movimaint dalla maschina. Uscheia vogl anavant, anfignen tgi tot igls unfants on «construia» ansemen ena gronda maschina tgi sa mova permanentamaintg.

Per variier igl tempo ston tots s'adattar e far per exaimpel igls movimaints pi spert u pi plang. Vign l'antiera gruppa da far star salda la maschina igl madem mument?



# La tia invenziun

2

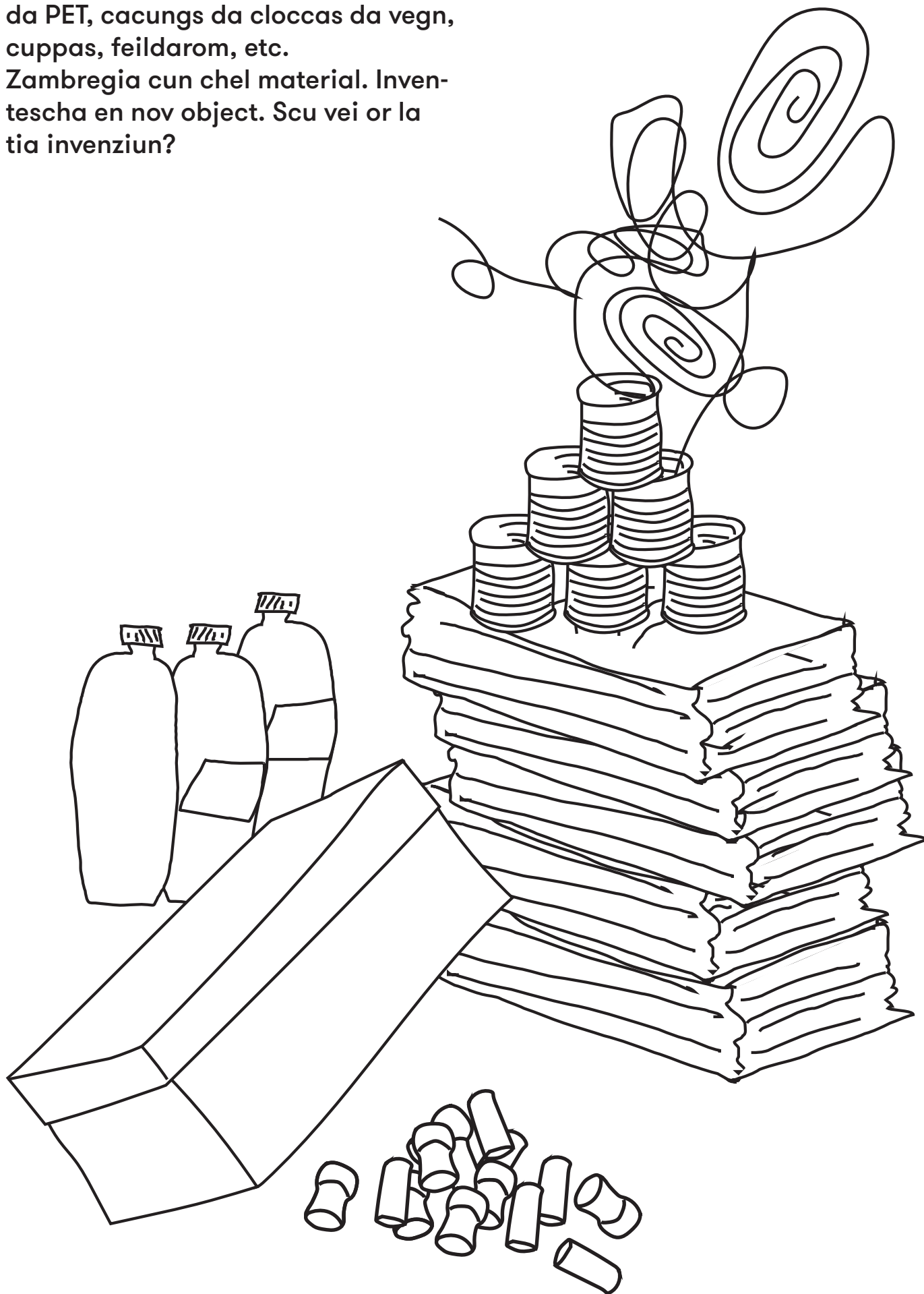
Tge inventessas te? Ponderescha.  
Malegia la tia invenziun. Scu ò nom  
la tia invenziun?

# Igl ties object

3

Remna palpieri vigl, cartung, cloccas da PET, cacungs da cloccas da vegn, cuppas, feildarom, etc.

Zambregia cun chel material. Inven-tescha en nov object. Scu vei or la tia invenziun?



Igl ties pled

Taglia or plets u er angal parts digls  
plets e cumbinescha els. Scu tunga  
igl ties pled invento?

4  
roboter

fifferlotta

tschitschapolvra

frestgera

experimaint

tschigulatta

maschine

sapperlot

caschiel

telefonign

racheta

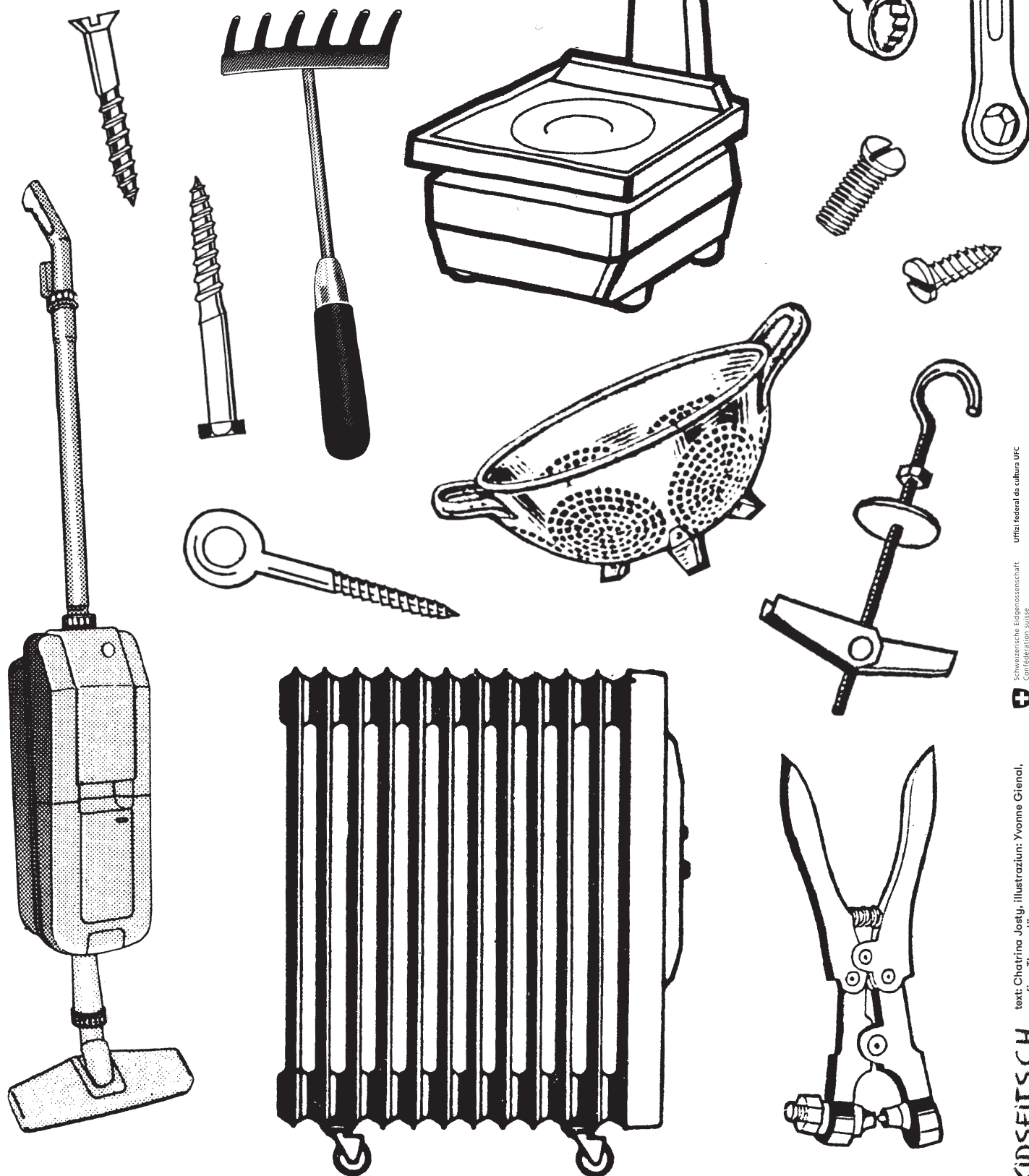
inventadra

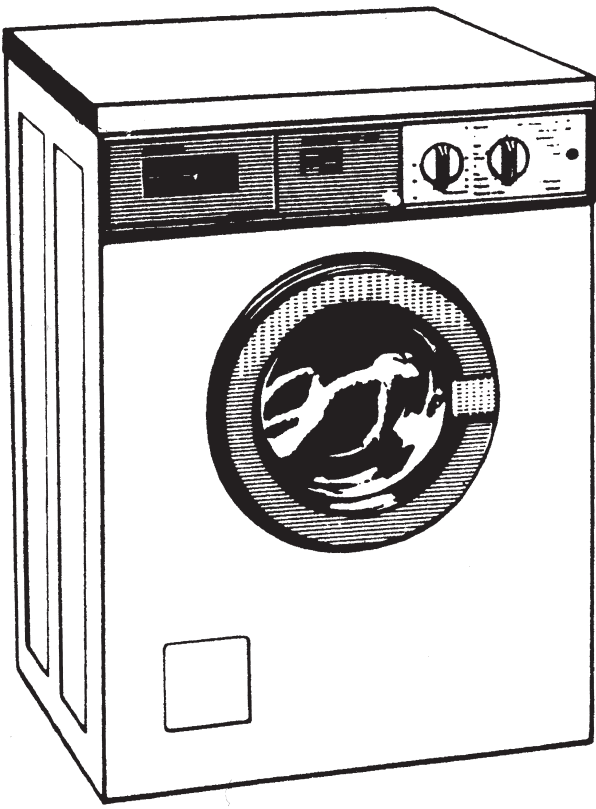
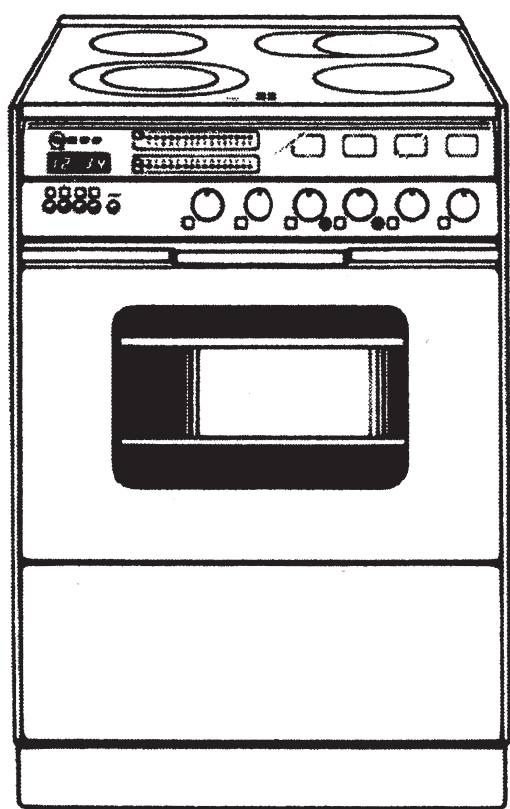
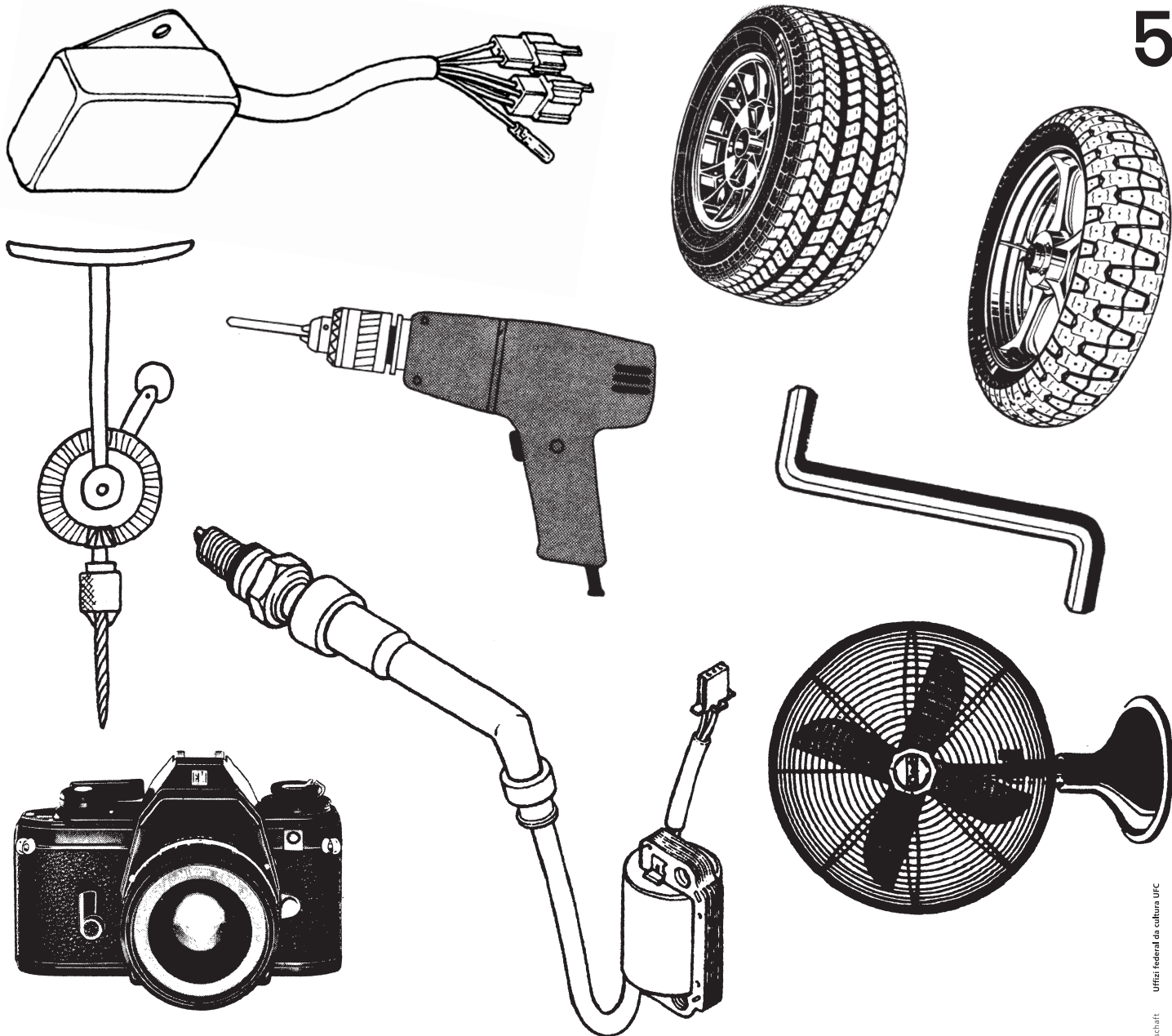


# Igl ties roboter

Taglia or igls maletgs\* e fò ena collascha. Inventescha en roboter. Scu vei el or e tge so far igl ties roboter?

\* Igl maletgs dereivan da: Schnippelbuch Nr. 2, Kultur & Spielraum e.V. München, 1999/2015, [www.schnippelbuch.de](http://www.schnippelbuch.de)





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