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CENTER OF RESEARCH IN NETWORKS AND TELECOM

EduScope

A New Learning System

Ambreen Sheikh
Project Coordinator

Some Facts about EduScope

- The project is referred to as
  - "EduScope -- *A New Learning System"*
- Project funding was approved by Internet Society (ISOC) in November 2009.
- The work on the project begin in January 2010
- Duration of the project was 7 Months.
- Total Funding amount was 10,000 US $
- In kind services were provided by Muhammad Ali Jinnah University, Islamabad.

Introduction

- This project aspires to compensate for the overall lack of IT infrastructure for educational purposes by creating a “virtual classroom” at a street-corner.

- A virtual class room where children can explore and experience the rapidly expanding dimensions of the Internet age, in spite of their poor financial standing.

- The objective will be achieved by embedding a Secure Computer System on the outer side of the boundary wall of a charity school.

Objectives

- Interactive Learning Environment for Children .
- Explore Things with an Open Mind.
- Self Learning Ability in Children Through Internet.
- Availability of a Computer.
- Integration with the School System .
- Collaborative Learning.
- Compensate for Computer & Internet Illiteracy.

Modules of EduScope

- EduScope Steel Case & Computer Hardware.
- EduScope Content Search.
- EduScope Network.
- EduScope Software.
- EduScope Operating System.

EduScope Steel Case & Computer Hardware

- The first task was the identification of suitable computer hardware for EduScope work stations.

- The second major task in this module was to build a sturdy metal case for our system, to protect the system from damage and avoid the risk of theft

Computer Hardware

- LCD Screen.
- Key Boards and Track Balls.
- PC Components.

Keyboards with Integrated Track Ball

List of components of EduScope systems purchased

Components for EduScope System ONE		Components for EduScope System TWO	
Item	**Quantity**	**Item**	**Quantity**
Processor Intel - E7500	01 – Purchased	Processor Intel – E7500	01 - Purchased
Motherboard Intel - DG41RQ	01 – Purchased	Motherboard Intel - DG41RQ	01 - Purchased
RAM – 2GB	01 – Purchased	RAM – 2GB	01 - Purchased
Hard Disk – 320GB	02 – Purchased	Hard Disk – 320GB	02 - Purchased
LCD Monitor – 18.5"	01 – Purchased	LCD Monitor – 18.5"	01 - Purchased
Casing - Gladiator 600	01 – Purchased	Casing – Elite 335	01 - Purchased
Speakers - Creative A-35	01 – Purchased	Speakers - Creative A-35	01 - Purchased
Web Cam - Creative – 1.3MP	01 – Purchased	Web Cam - Creative – 1.3MP	01 - Purchased
*Waterproof Keyboard + Trackball	01 – Purchased	Waterproof Keyboard + Trackball	01 - Purchased
UPS	01	UPS	01
Batteries	01	Batteries	01
Steel Case	01	Steel Case	01

*Special keyboards were imported for this project from China.

Steel Case

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all about innovation
its obvious innovation is our last name
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Installation Site

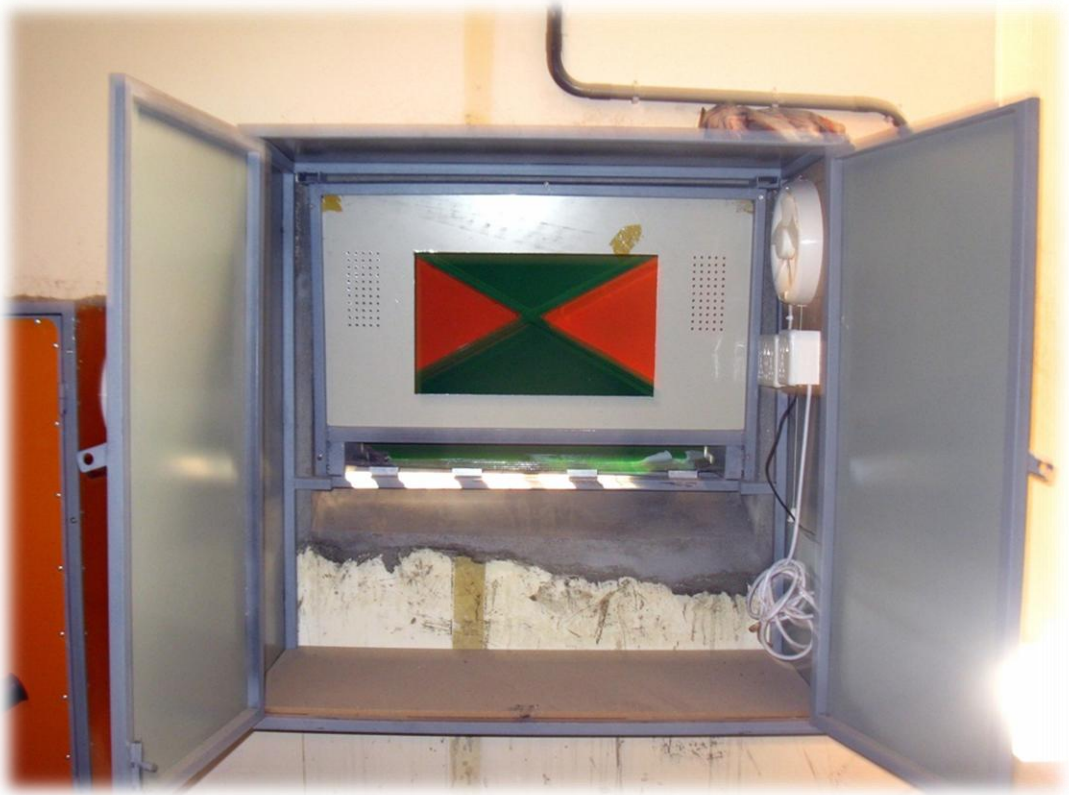
The Street in Rehmat-a-bad

After Installation of Steel Case.

From the outside

From the Back

From the Inside (Back)



EduScope Content Search

- The work on this part is in the process.
- The content collected will be part of the EduScope software.
- Some of the content has been downloaded from the internet.
- Most of the content will be provided by PTV Accademy.

EduScope Software

- Specially designed software / portal is part of this learning system.
- The software is designed keeping in view the learning abilities and learning trends of the children of Pakistan.
- A hierarchy of categorizes is made and followed which will help the children of all ages to easily
- search the content of their interest, using the EduScope software

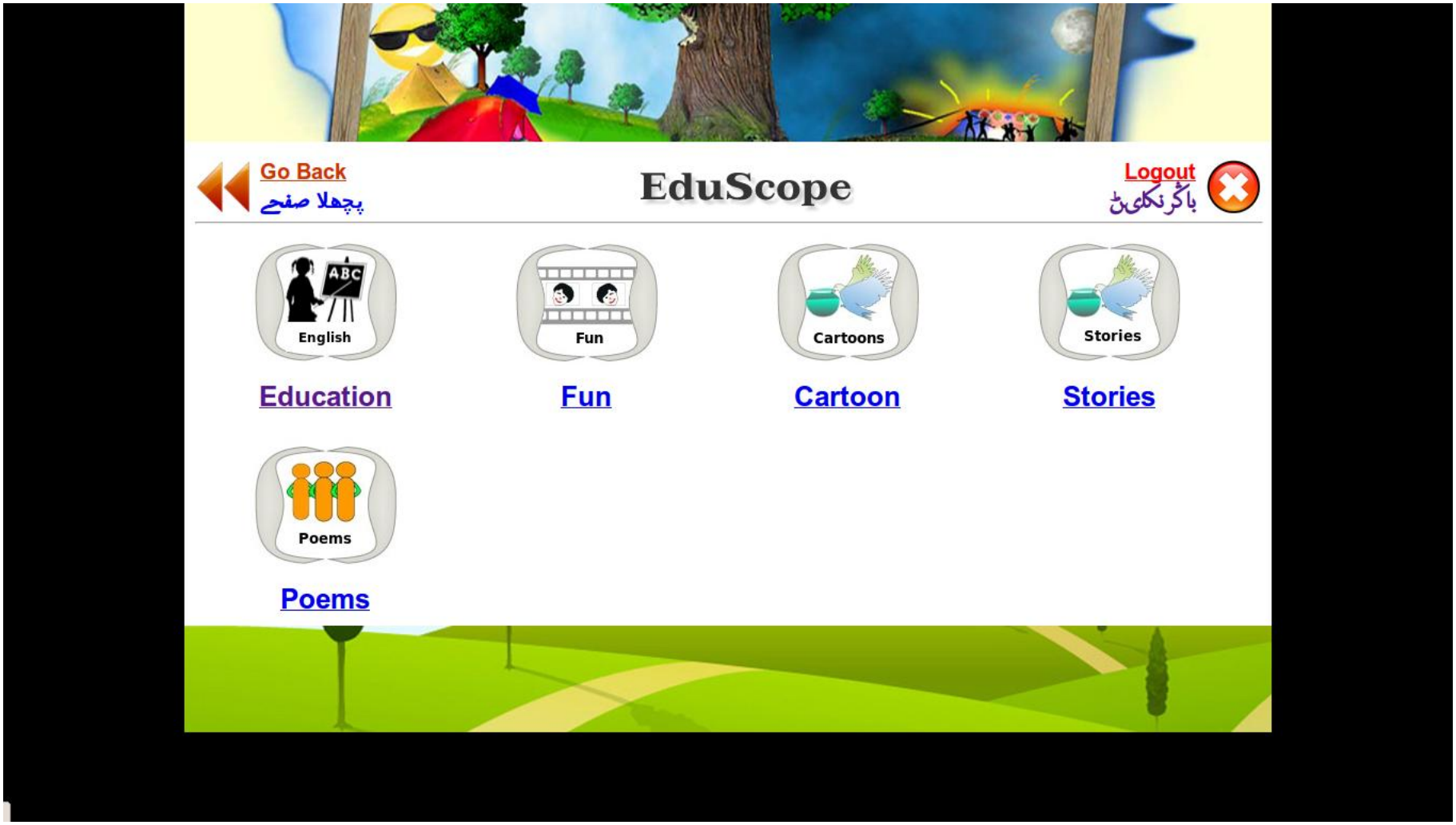
Go Back
پچھلا صفحہ

EduScope

Logout
باہر نکلیں

آپ کی عمر کتنی ہے

6 سال	5 سال
8 سال	7 سال
10 سال	9 سال
12 سال	11 سال


Go Back
پچھلا صفحہ
EduScope
Logout
باہر نکلیں
English
Fun
Cartoons
Stories
Education
Fun
Cartoon
Stories
Poems
Poems

Go Back
پچھلا صفحہ

EduScope

Logout
باگرنکلیں

- Title Content
- content title 2

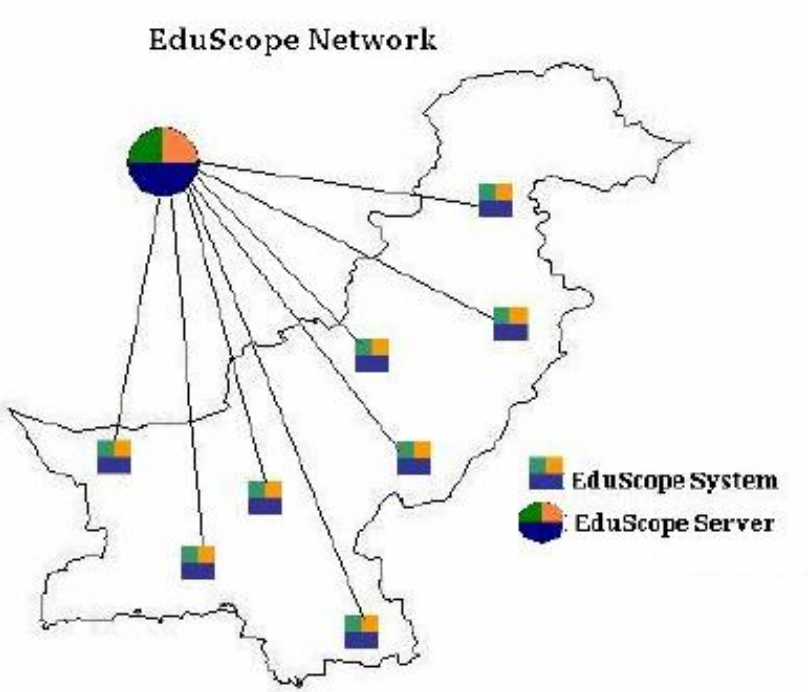
Title Content

EduScope Network

- Although the word “EduScope Network” was not part of the initial design but during our work, the design evolved based.
- There is a central server and all the EduScope workstations are connected to this central server,
- EduScope software is running on all the EduScope systems.
- All the content is placed on central server, from where it is replicated to all the workstations.

Objective of the design

- To make the response time of the EduScope software as quick as possible.
- Remove the dependency of availability of content from the internet connection.
- To help update the EduScope learning systems without having to go to each computer system personally and updating the information on it.



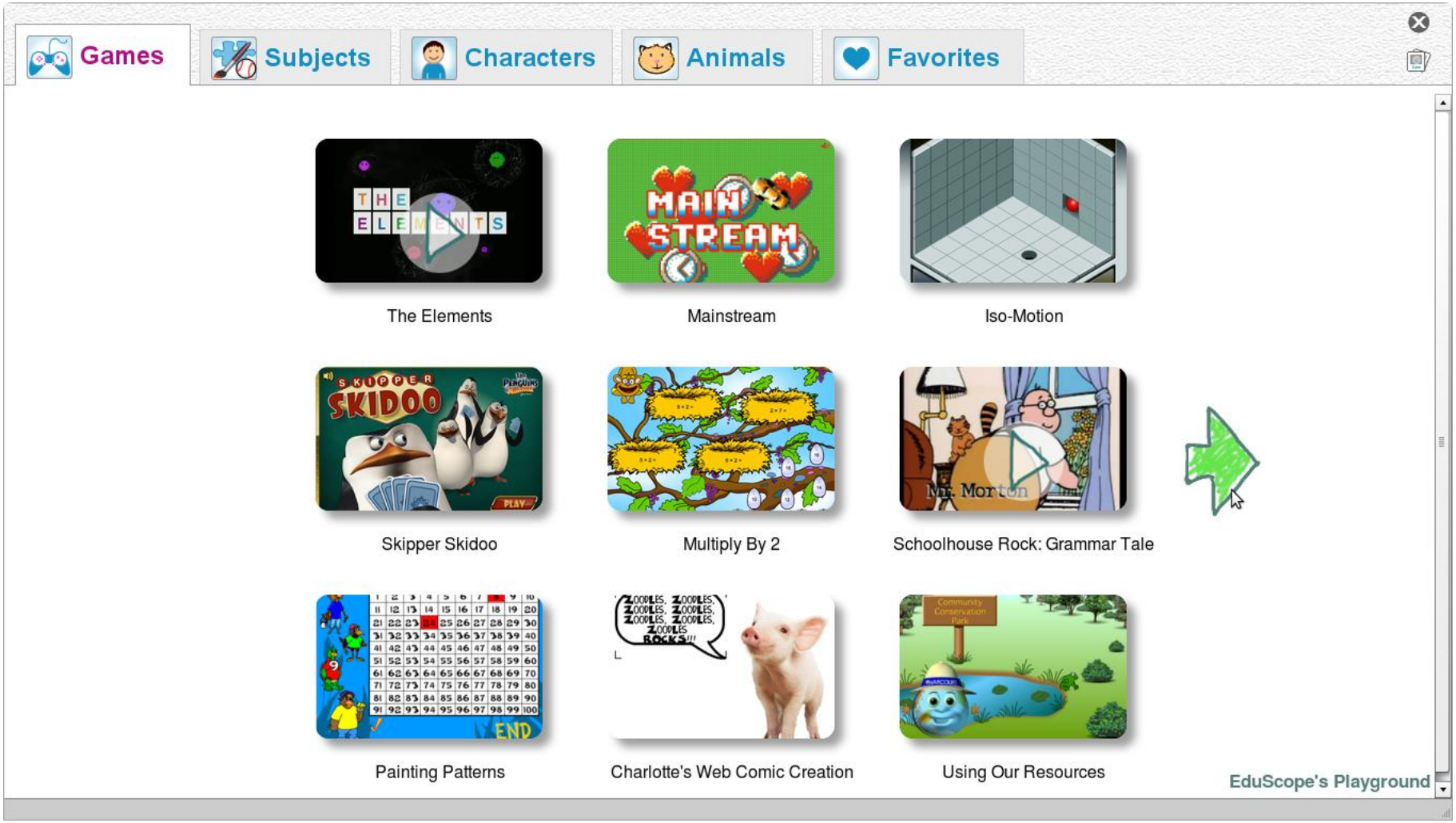
Web Access

- KidZui
- Zoodles

KidZui

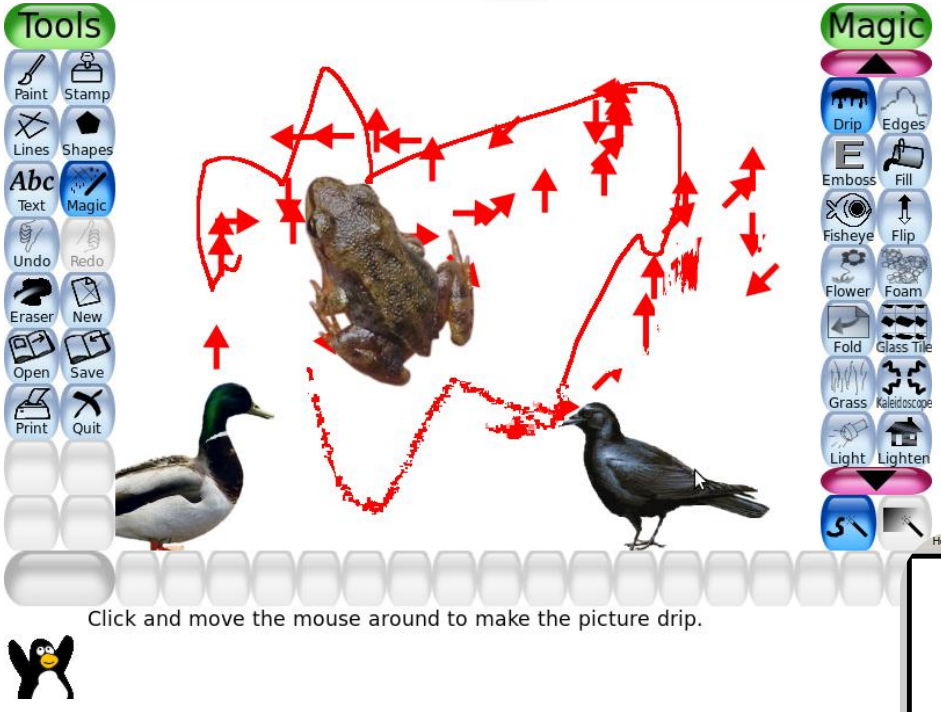
KidZui
Home
Back
Next
Type in a web address or search
GO
My Favorites
EduScope1 is ...
EXPLORE
WEB
PHOTO
VIDEO
FRIENDS
Despicable Me
Games
Silly Songs
TV & Cartoons
Music
Homework Helper
Coolest
Amazing Animals
Sports
Movies
CLOSE
What do YOU think?
Share your thoughts about the oil spill in the Gulf of Mexico!
KidZui Poll
Gulf Oil Spill
5/6
Play Games
powered by YouTube
Watch Funny Videos
Explore the Web
DESPICABLE ME
IN EYE-POPPING real 3D
NOW PLAYING
Ad
Despicable Me
1 Nickelodeon
2 KidZui Games
3 LEGO.com
4 PBS Kids
5 Poptropica
Nick Jr.
Upgrade
What's up?
Edit My Zui
History
Inbox
Backgrounds
Help
Fri. 2:39 PM
Log Out

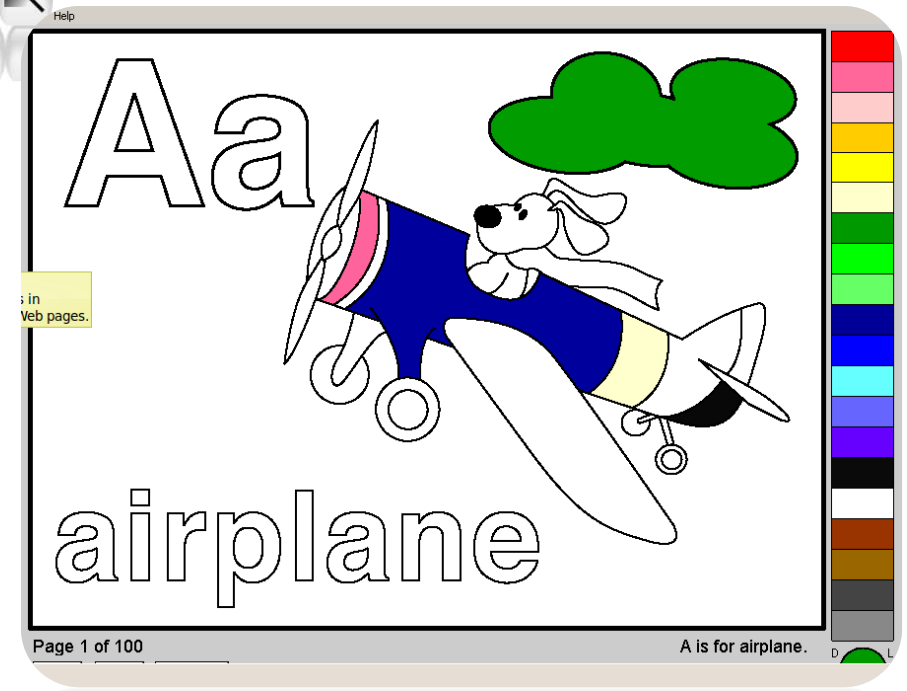
Zoodles

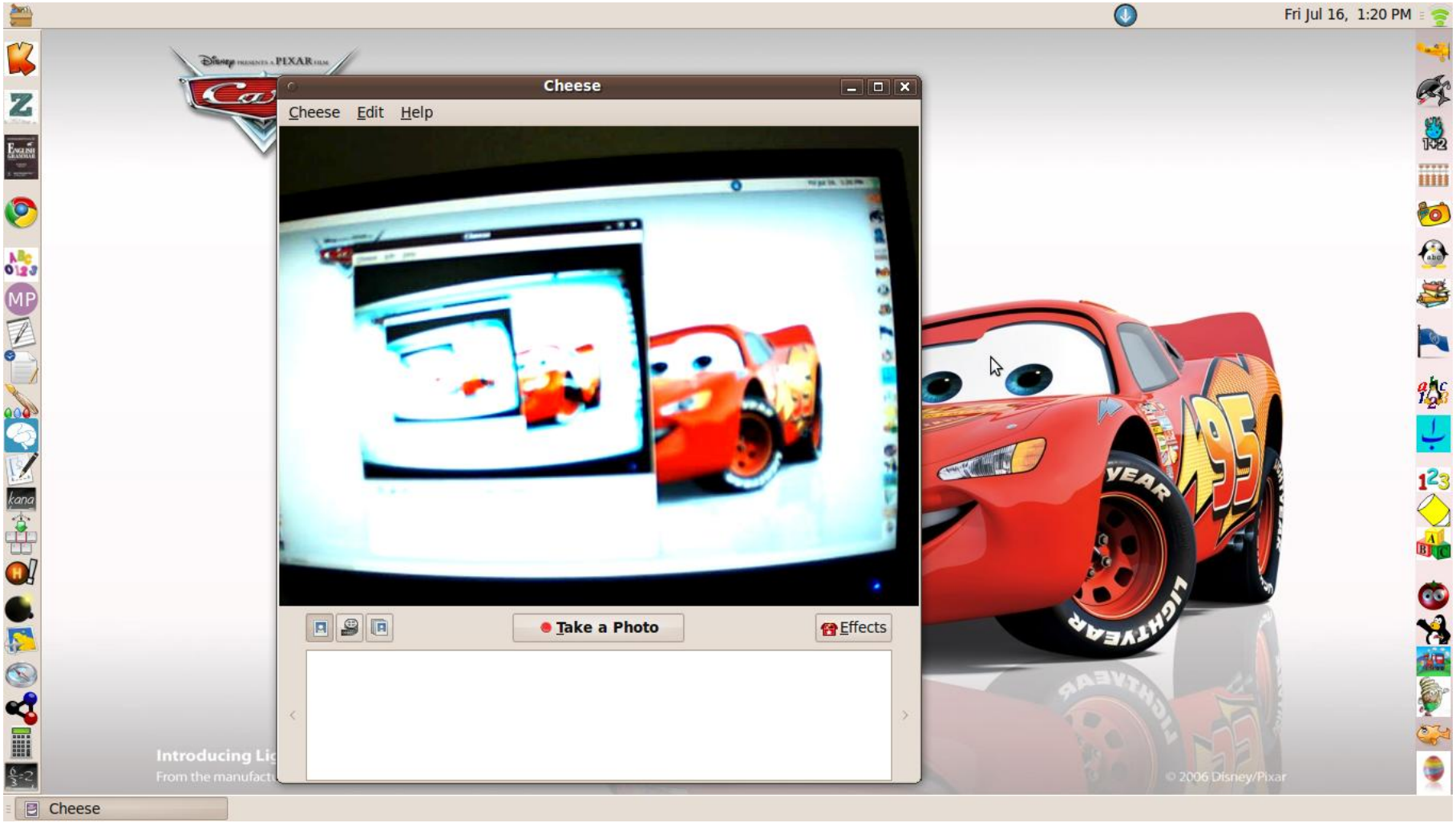

Games
Subjects
Characters
Animals
Favorites
The Elements
Mainstream
Iso-Motion
Skipper Skidoo
Multiply By 2
Schoolhouse Rock: Grammar Tale
Painting Patterns
Charlotte's Web Comic Creation
Using Our Resources
EduScope's Playground

Screen Shot of the Desktop

GCompris

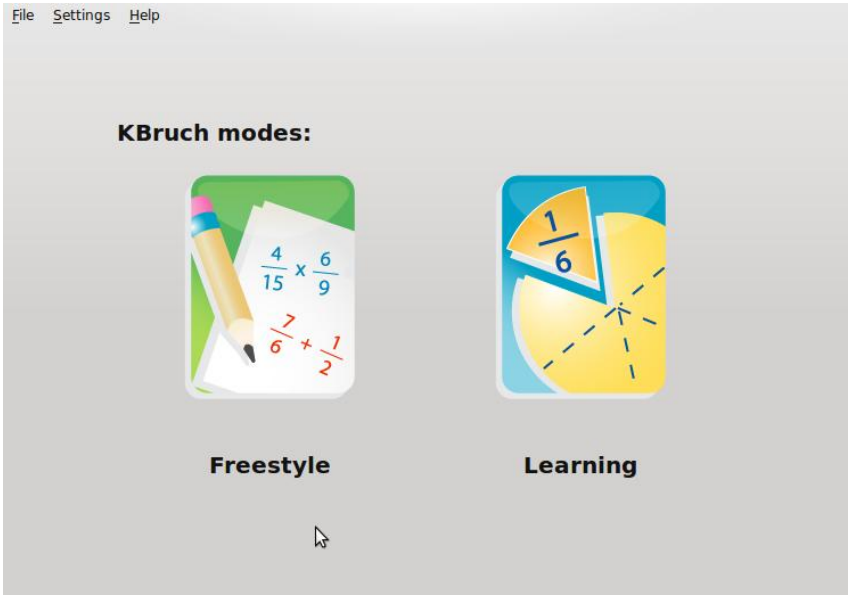

Tools
Paint
Stamp
Lines
Shapes
Abc
Text
Magic
Undo
Redo
Eraser
New
Open
Save
Print
Quit
Magic
Drip
Edges
Emboss
Fill
Fisheye
Flip
Flower
Foam
Fold
Glass Tile
Grass
Kaleidoscope
Light
Lighten
Click and move the mouse around to make the picture drip.

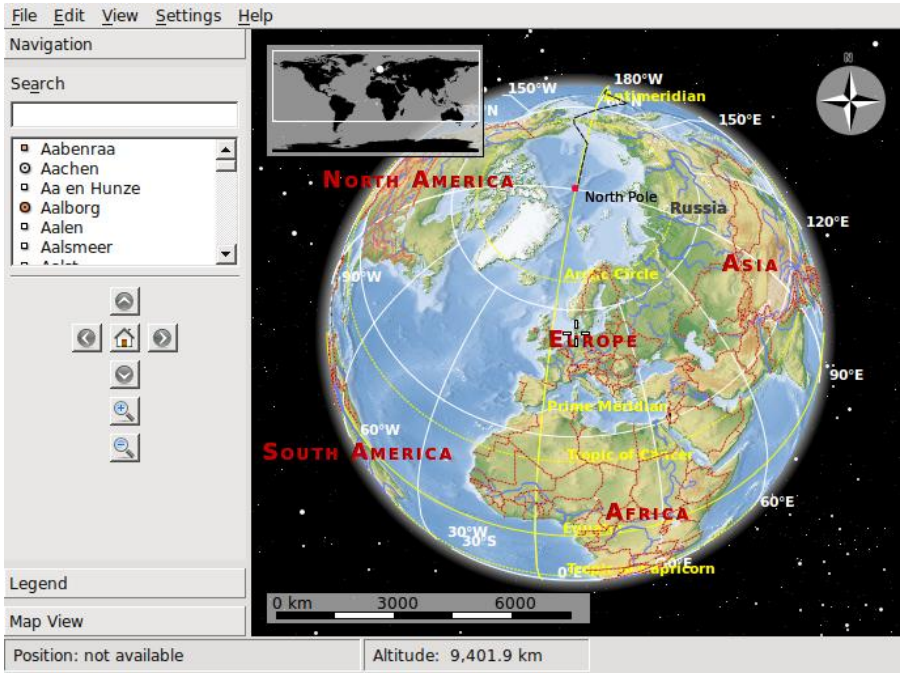

Help
Aa
airplane
Page 1 of 100
A is for airplane.

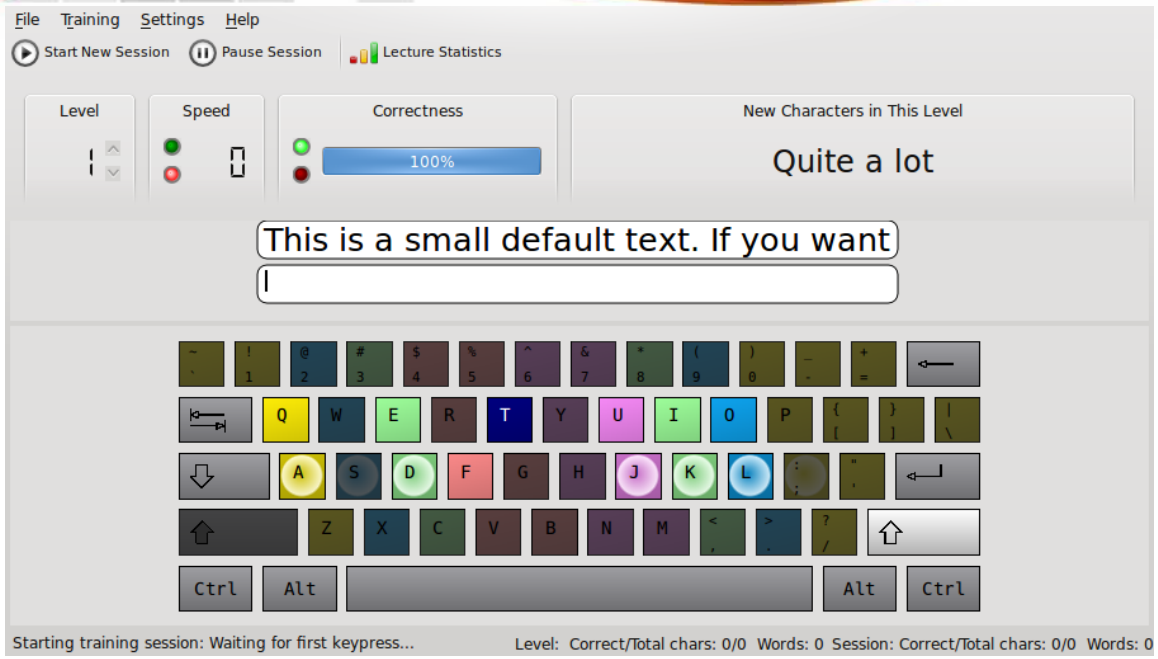

Fri Jul 16, 1:20 PM
Cheese
Cheese Edit Help
Take a Photo
Effects
Introducing Lig
From the manufact
© 2006 Disney/Pixar
Cheese

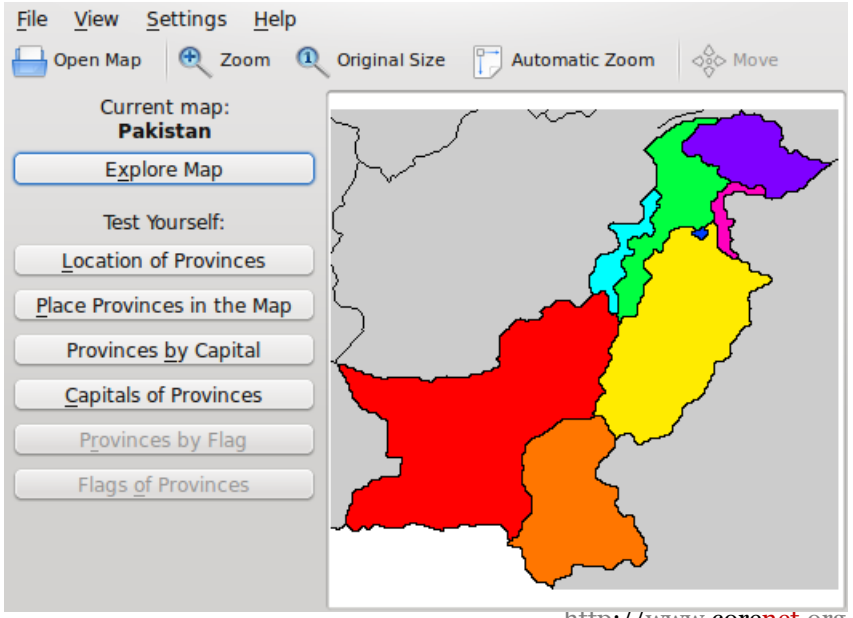
Fun Activities

Fri Jul 16, 1:27 PM
Potato Guy
Game Edit Playground Speech Settings Help
New Load Save Print Undo Redo
Potato Guy


File Settings Help
KBruch modes:
Freestyle
Learning


File Edit View Settings Help
Navigation
Search
Aabenraa
Aachen
Aa en Hunze
Aalborg
Aalen
Aalsmeer
Legend
Map View
NORTH AMERICA
SOUTH AMERICA
EUROPE
ASIA
AFRICA
North Pole
Russia
Arctic Circle
Prime Meridian
180°W
Antimeridian
150°W
150°E
120°E
90°E
60°W
60°E
30°W
30°S
0 km
3000
6000
Position: not available
Altitude: 9,401.9 km


File Training Settings Help
Start New Session
Pause Session
Lecture Statistics
Level
Speed
Correctness
100%
New Characters in This Level
Quite a lot
This is a small default text. If you want
Starting training session: Waiting for first keypress...
Level: Correct/Total chars: 0/0 Words: 0 Session: Correct/Total chars: 0/0 Words: 0


File View Settings Help
Open Map
Zoom
Original Size
Automatic Zoom
Move
Current map:
Pakistan
Explore Map
Test Yourself:
Location of Provinces
Place Provinces in the Map
Provinces by Capital
Capitals of Provinces
Provinces by Flag
Flags of Provinces

Fri Jul 16, 1:29 PM

Main Manu

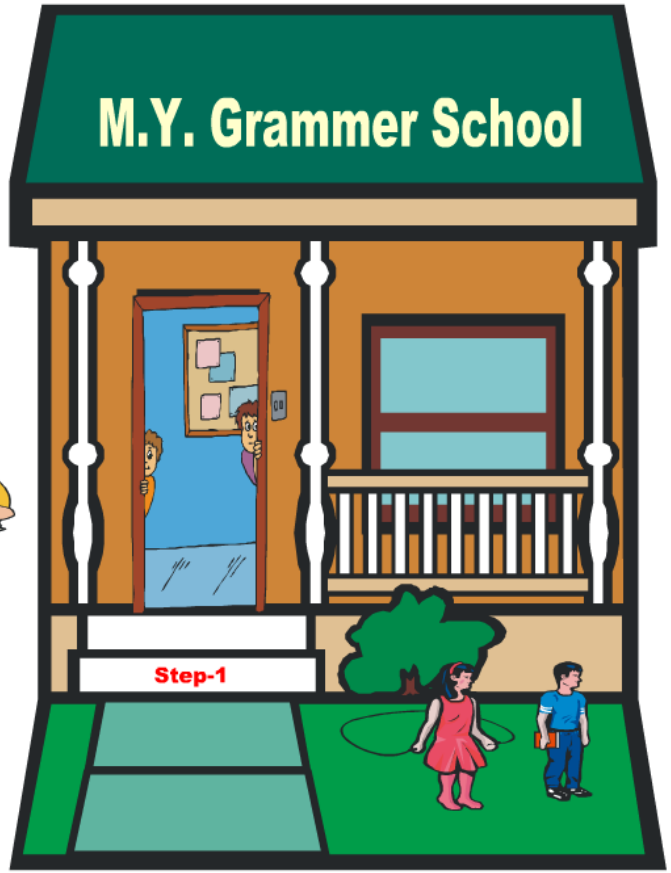
1- VOCABULARY

2- GRAMMER

3- COMPOSITION

4- EXERCISE

EXIT



Macromedia Flash Pla...

Access to Wikipedia

Data Sheet | Wikipedia

Print Page

New features | Log in / create account

Article | Discussion | Read | Edit | View history | Search

WIKIPEDIA
The Free Encyclopedia

Main page
Contents
Featured content
Current events
Random article

Interaction
About Wikipedia
Community portal
Recent changes
Contact Wikipedia
Donate to Wikipedia
Help

Toolbox

Print/export

Languages
Acèh
Afrikaans

Madrid

From Wikipedia, the free encyclopedia

Coordinates: 40°24'N 3°41'W

This article is about the capital of Spain. For the Community of Madrid, see Madrid (autonomous community) . For other uses, see Madrid (disambiguation) .

Madrid (English pronunciation: /məˈdrɪd/; Spanish: [maˈðɾið]) is the capital and largest city of Spain.[4] The population of the city is roughly 3.3 million (as of December 2009); the entire population of the metropolitan area (urban area and suburbs) is calculated to be 6,386,932. It is the third-most populous municipality in the European Union after Greater London and Berlin, and its metropolitan area is the third-most populous in the European Union after Paris and London.[5][6][7][8] The city spans a total of 698 km² (234 sq mi).[9]

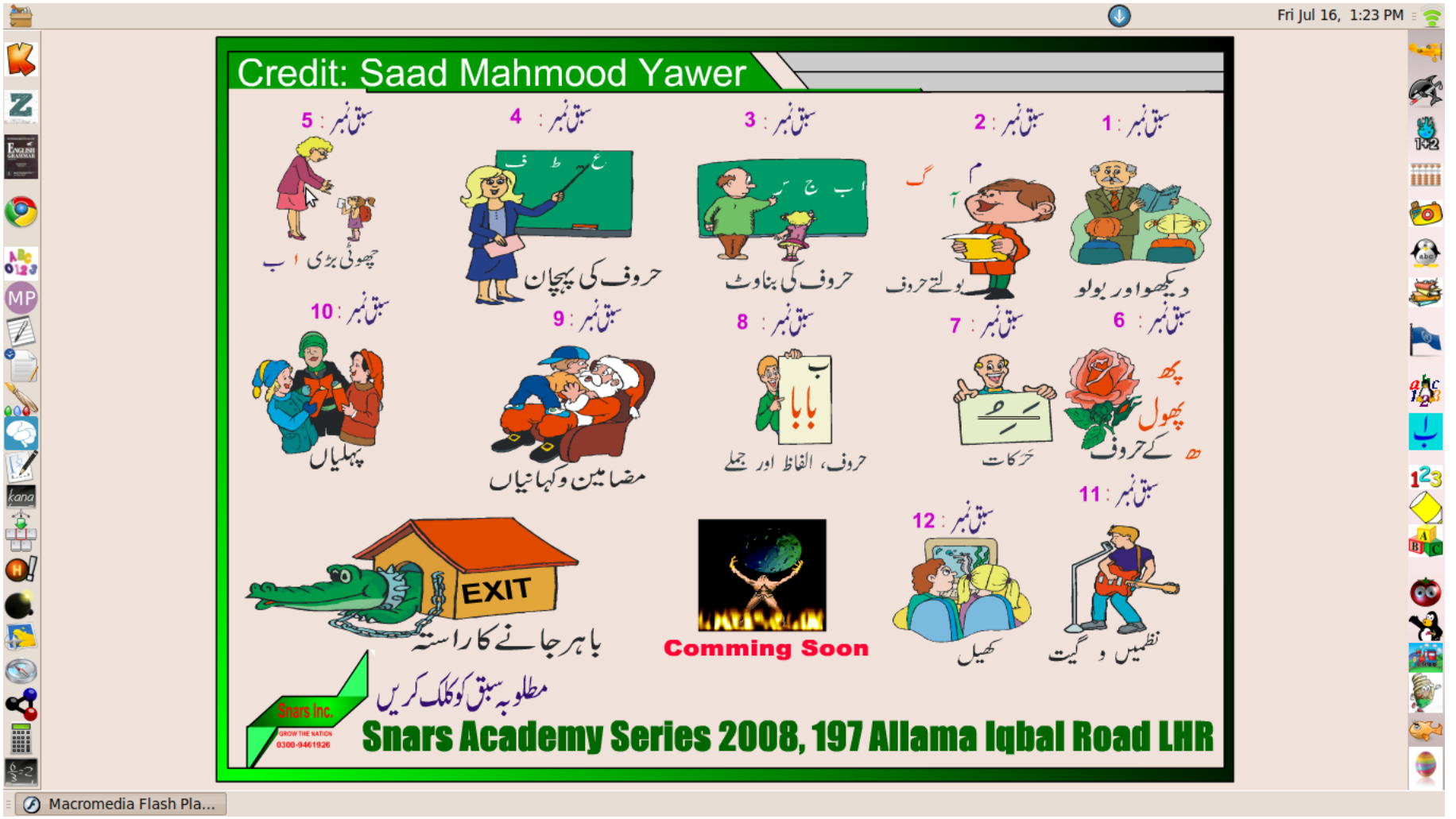
Madrid

The city is located on the river Manzanares in the centre of both the country and the Community of Madrid (which comprises the city of Madrid, its conurbation and extended suburbs and villages); this community is bordered by the autonomous communities of Castile and León and Castile-La Mancha . As the capital city of Spain, seat of government , and residence of the Spanish monarch , Madrid is also the political centre of Spain. [10] The current mayor is Alberto Ruiz-Gallardón from the People's Party (PP). He has been in office since 2003, when he left the Presidency of the Autonomous Community of Madrid and stood as the candidate to replace outgoing mayor José María Álvarez del Manzano, also from the PP. In the last local elections of 2007, Ruiz-Gallardón increased the PP majority in the City Council to 34 seats out of 57, taking 55.5% of the popular vote and winning in all but two districts.

Madrid urban agglomeration has the 3rd largest GDP on the continent amounting 230 billion euro [11] in 2009. Due to its economic output , high standard of living , and market size, Madrid is considered the major financial centre of Southern Europe and the Iberian Peninsula ; it hosts the head offices of the vast majority of the major Spanish companies, as well as the headquarters of three of the world's 100 largest companies (Telefónica, Repsol-YPF , Banco Santander).[12]

Close

Urdu Content



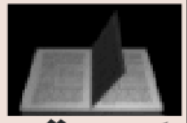
Fri Jul 16, 1:24 PM

Credit: Saad Mahmood Yawer

پہیلیاں

ملے جب کوئی بخار کا مارا

پھر اسکا چڑھے پارا



پچھلا سبق

اگلا سبق

واپس فہرست

جواب

Snars Academy Series 2008, 197 Allama Iqbal Road LHR

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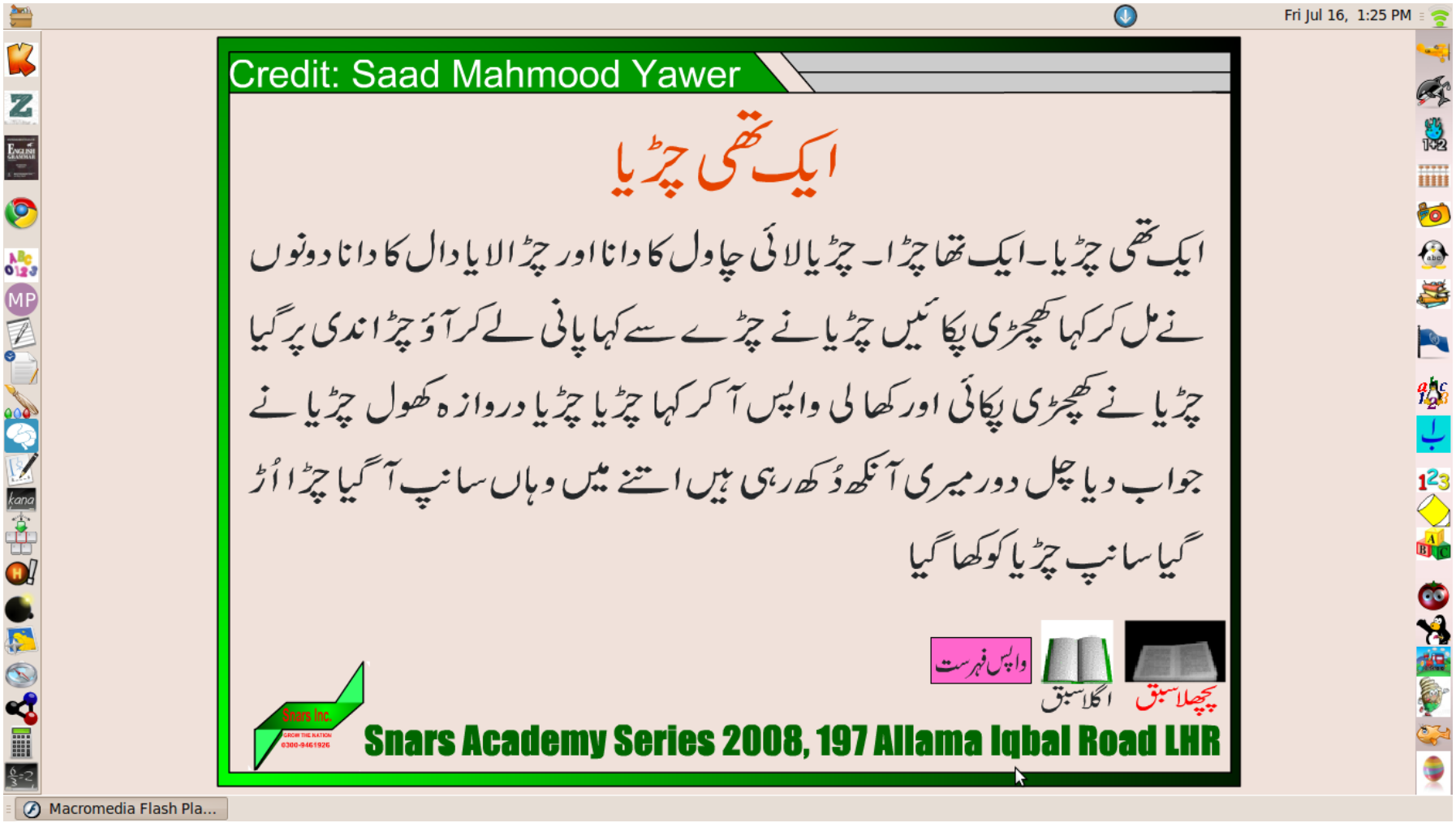
Fri Jul 16, 1:25 PM
Credit: Saad Mahmood Yawer
ایک تھی چڑیا
ایک تھی چڑیا۔ایک تھا چڑا۔ چڑیا لائی چاول کا دانا اور چڑا لایا دال کا دانا دونوں نے مل کر کہا کھچڑی پکائیں چڑیا نے چڑے سے کہا پانی لے کر آؤ چڑا ندی پر گیا چڑیا نے کھچڑی پکائی اور کھا لی واپس آ کر کہا چڑیا چڑیا دروازہ کھول چڑیا نے جواب دیا چل دور میری آنکھ دُکھ رہی ہیں اتنے میں وہاں سانپ آ گیا چڑا اُڑ گیا سانپ چڑیا کو کھا گیا
واپس فہرست
اگلا سبق
پچھلا سبق
Snars Academy Series 2008, 197 Allama Iqbal Road LHR
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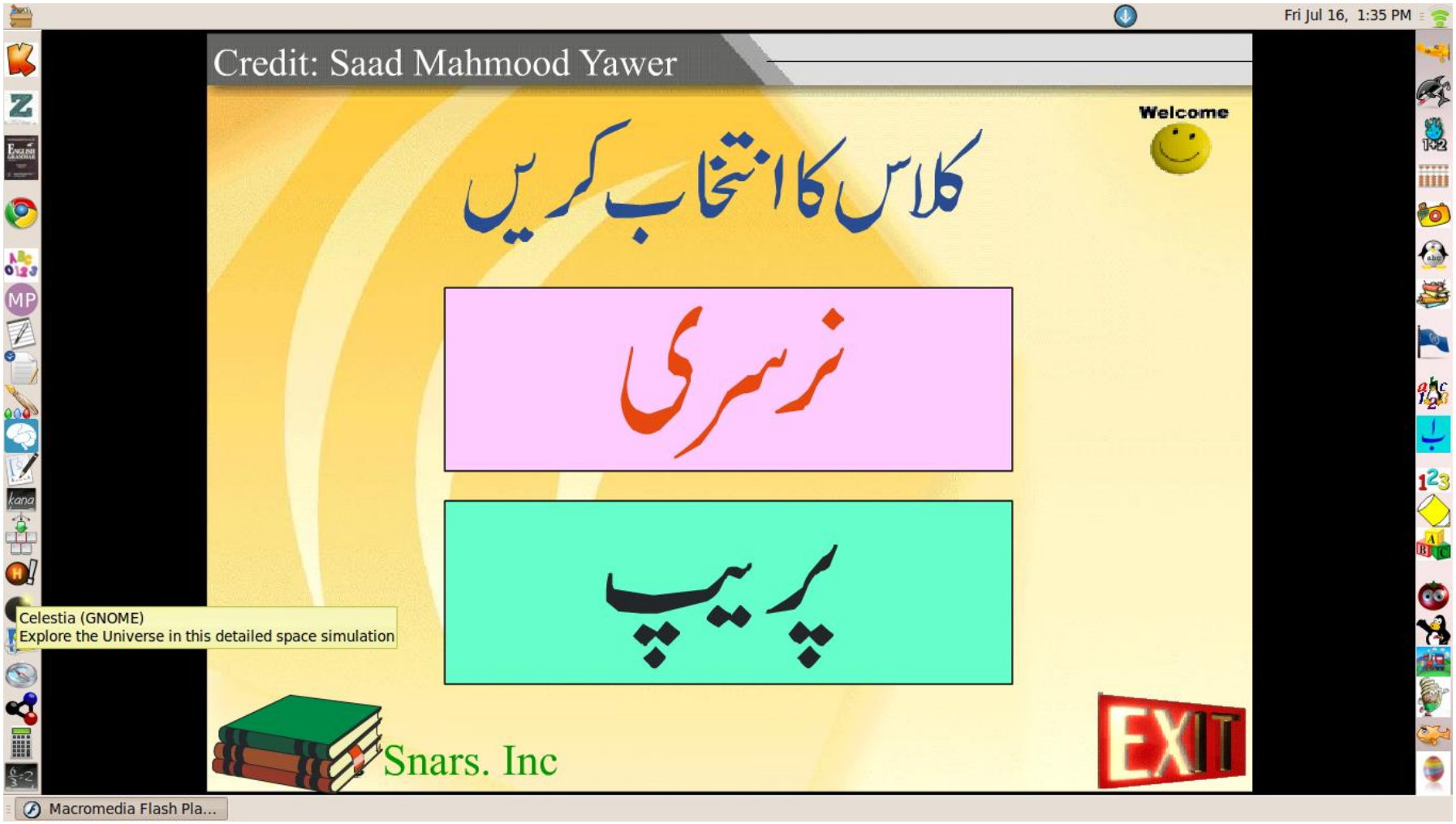
Fri Jul 16, 1:35 PM
Credit: Saad Mahmood Yawer
Welcome
کلاس کا انتخاب کریں
نرسری
پریپ
Celestia (GNOME)
Explore the Universe in this detailed space simulation
Snars. Inc
EXIT
Macromedia Flash Pla...

Fri Jul 16, 1:36 PM
Credit: Saad Mahmood
رنگ (باکس پر کلک کریں)
سرخ
سبز
سفید
نیلا
پیلا
کالا
جامنی
گلابی
بھورا
سرمئی
Snars. Inc
Next Lesson
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Some Games

- Thank You