Website : http://www.lycee-beh.fr/

Delivery date (appello date): 20/05/2014

Project title: 73 High school BEH

Group member count: 3

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[written exam passed at date 13/05/2014 with mark 20]

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[written exam passed at date 13/05/2014 with mark 29.5]

Notes:

Design Report

73 High scool BEH web site

Class Hypermedia Web Application

Author: Guillaume Biez, Sami El Alami and Aurélien Hébert

Evaluator: Stefano Bruna and Franca Garzotto

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2. A user wants to know who is teaching mathematics (Passage par : Home -> All Courses -> Math -> Teacher.)
3. A teacher wants to add information on his course
4. A user wants to know the teaching material for the mathematics course
5. A user wants to know more about the school (about us: one precise information, per example : Success data for the science diploma)
V. Conclusion.
Extra : All the sketches

I. Introduction.

This report is about the definition of specifications of the hypermedia project. This project given by the professors Stefano Bruna and Franca Garzotto consist on the realisation of an high school website.

In this report we will explain to you which are the different links and relations between all the page of the website. It will reflect the reflection we had about his global architecture. The main goal of this report is to give an outline of the visual of our website, structured with simple element and simple text. In this report the design showed will not reflect the final product. It's just to fix the minimal need of the pages and of the website.

On the first time we will present the IDM scheme like the C-IDM, the L-IDM or the P-idm that we have established in order to built the website.

Then we will give more details about the pages themselves with the sketches and some user scenarios.

II. Specifications of the project.

Our high school website has to provide all useful informations for different kind of users as students, parents, teachers and institution, prospects users … etc. Moreover, they will have to access the information they want

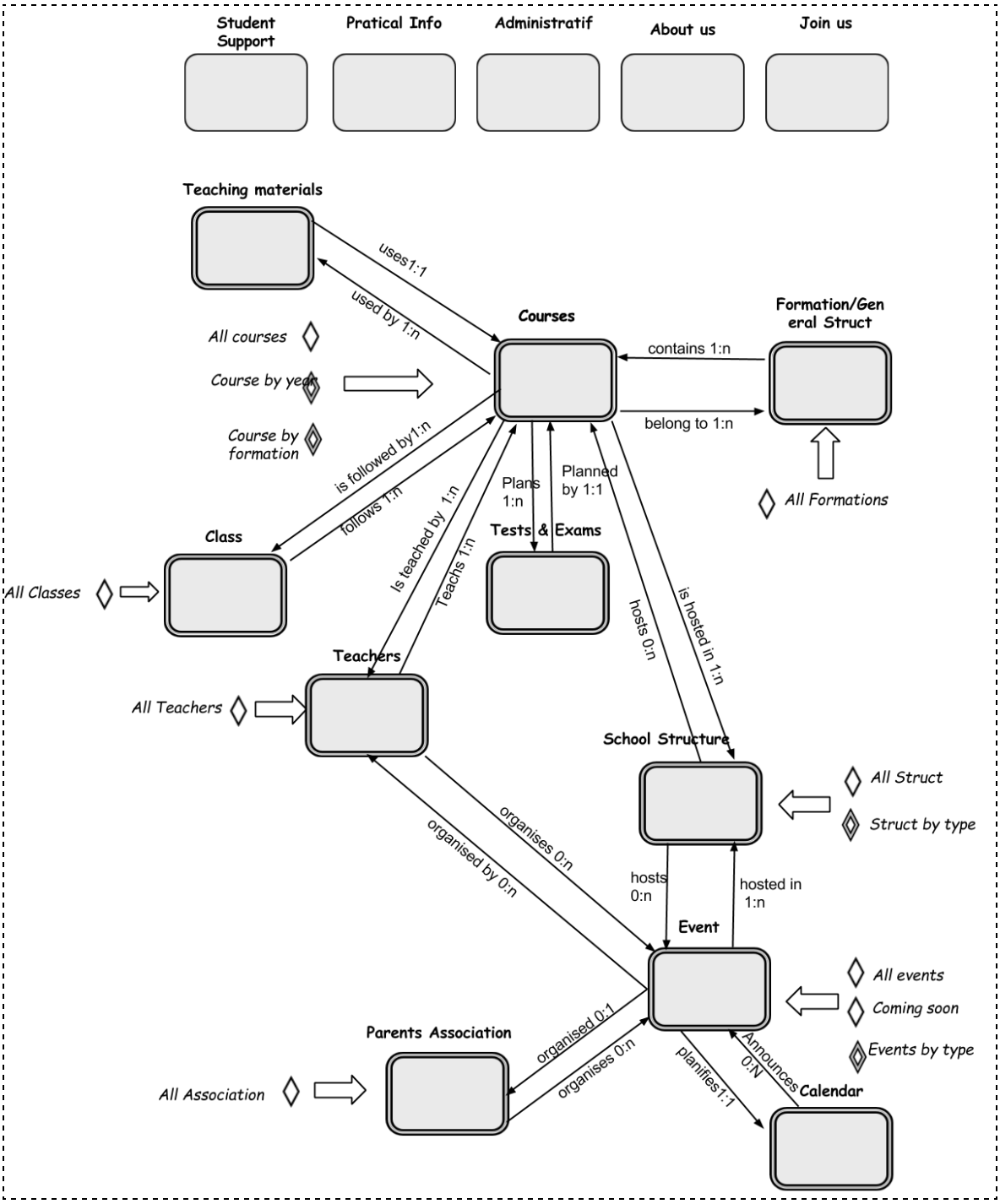
The first part of our work is to design and modelize the content with the different methods we learnt in class. The second part will be to prototype what we have imagined and defined and to produce a more technical documentation.

This document resume the first part. Our first step is the understanding of requirements by searching existing solutions and reflecting on requirements to refine or improve them. By using the Interactive Dialogue Models in the following parts, we make all content explicit in topics, kind of topics (C-IDM). Then we show relevant relationships and dialogue acts corresponding to the topics (L-IDM). We finally define the design more graphically with some sketches and scenarios to understand the process of finding informations on the website.

III. Interactive Dialogue Model.

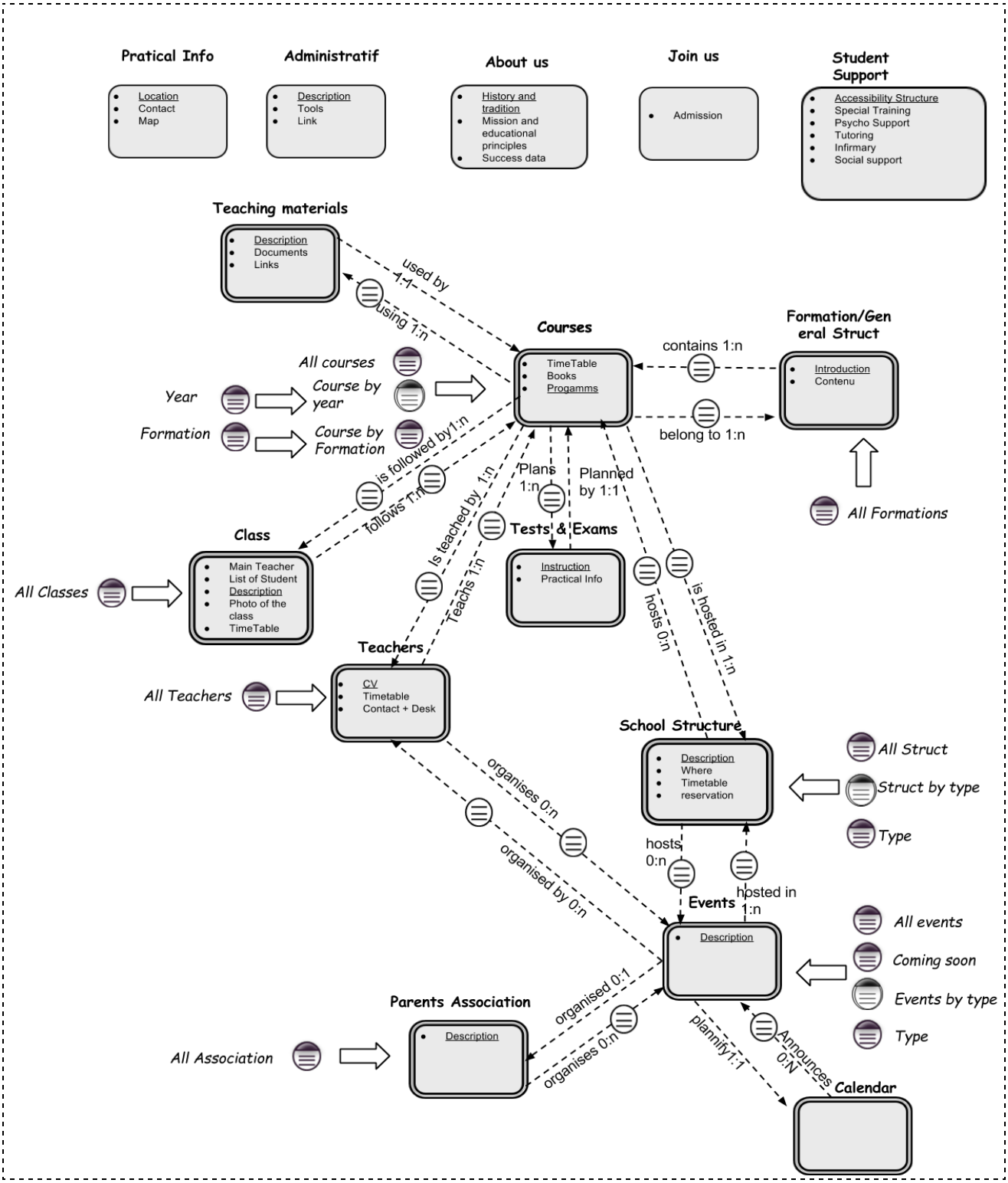
a) C-IDM

First, we want to design a simple model to represent the global architecture of the web site. In this scheme we will show which are the different relevant changes of subject and how we will organize the dialog inside our site.



b) L-IDM

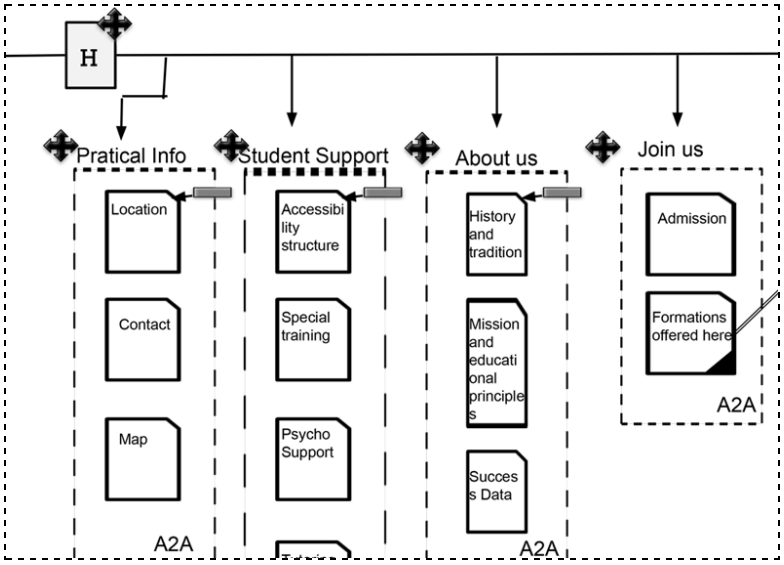
Then we have to define the contents of each (group of) topic and the way the contents are linked together :



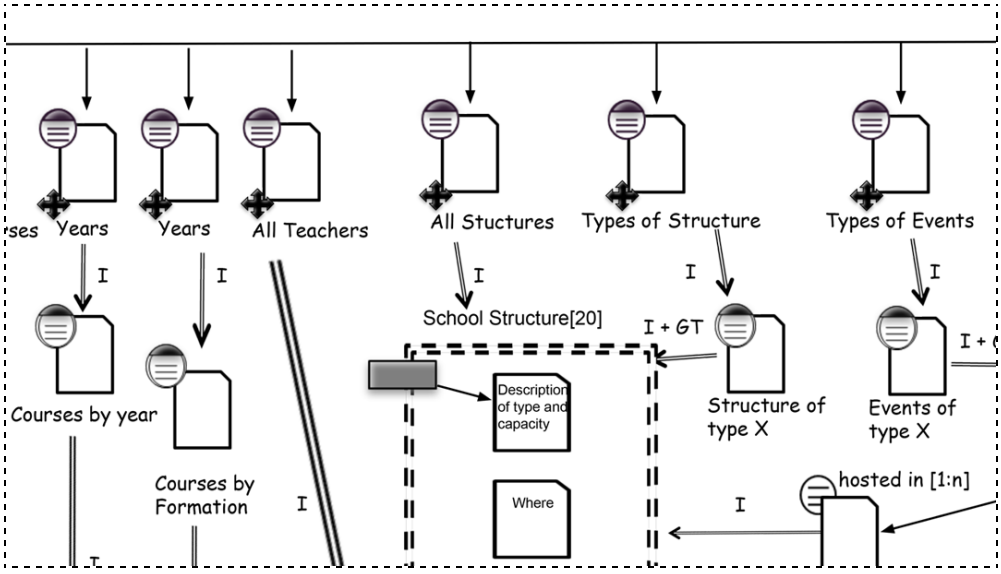
c) P-IDM

Now that we have defined the way the contents are linked together, we have to define the global map of the whole site to understand the navigation structure. The IDM Page Design will give us this view in which we will also be able to know which patterns and strategies we use to simplify the user's navigation through the content.

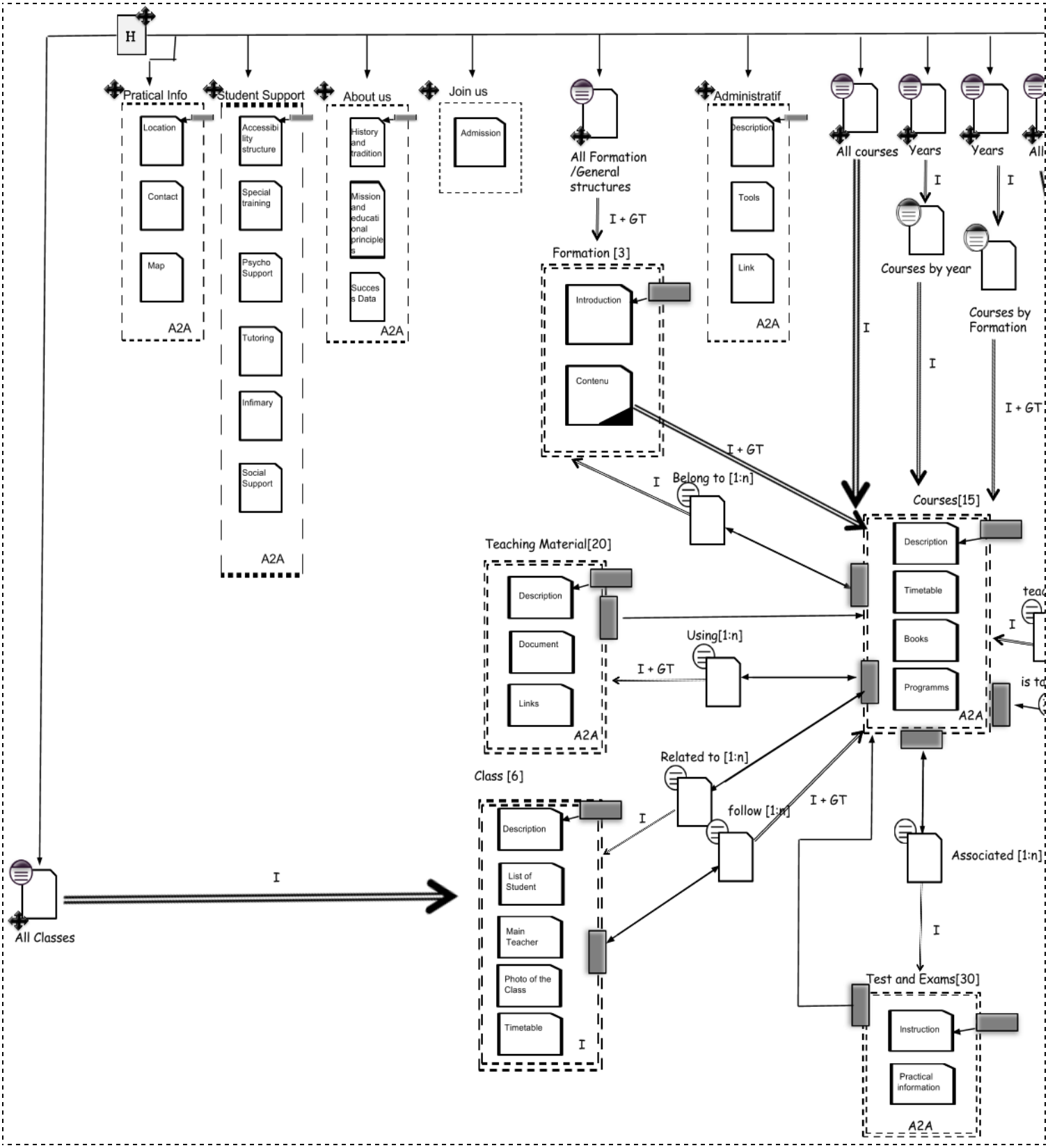
The complete diagram is available in the file "P-IDM Full.png" in the archive and also divided in 2 parts in this document. Here's the example of some single topics :

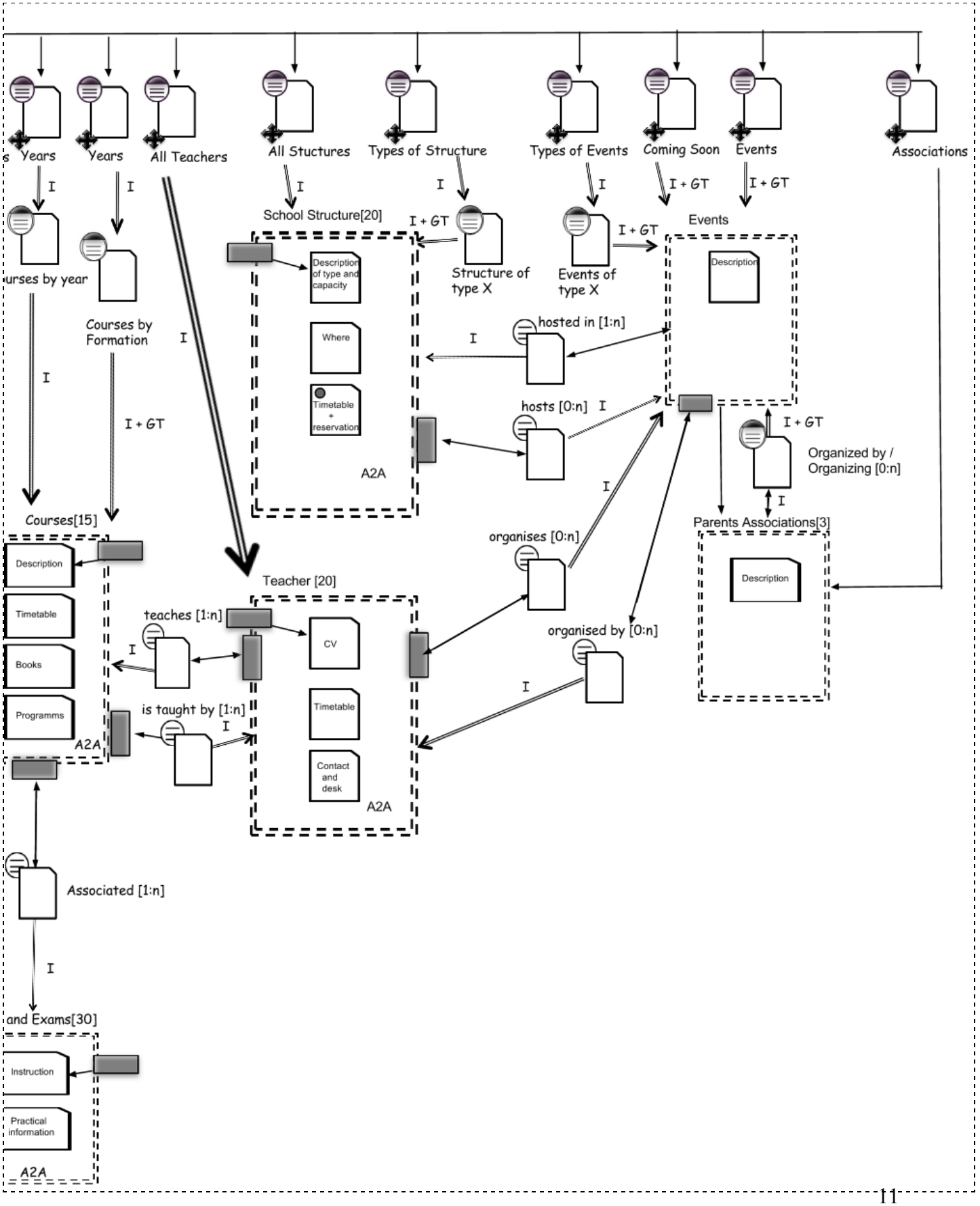


And also an example of some groups of topics :



Here is the full P-IDM divided in two parts (part left and part right) :


H
Pratical Info
Location
Contact
Map
A2A
Student Support
Accessibility structure
Special training
Psycho Support
Tutoring
Infimary
Social Support
A2A
About us
History and tradition
Mission and educational principles
Succes s Data
A2A
Join us
Admission
All Formation /General structures
I + GT
Formation [3]
Introduction
Contenu
Administratif
Description
Tools
Link
A2A
All courses
Years
Years
I
I
Courses by year
Courses by Formation
I
I
I + GT
I + GT
I
Belong to [1:n]
Courses[15]
Description
Timetable
Books
Programms
A2A
Teaching Material[20]
Description
Document
Links
A2A
Using[1:n]
I + GT
Related to [1:n]
Class [6]
Description
List of Student
Main Teacher
Photo of the Class
Timetable
I
follow [1:n]
I + GT
Associated [1:n]
I
Test and Exams[30]
Instruction
Practical information
A2A
All Classes
I


Years
Years
All Teachers
All Stuctures
Types of Structure
Types of Events
Coming Soon
Events
Associations
I
I + GT
urses by year
Courses by Formation
School Structure[20]
Description of type and capacity
Where
Timetable + reservation
A2A
Structure of type X
Events of type X
Events
Description
hosted in [1:n]
hosts [0:n]
Organized by / Organizing [0:n]
Parents Associations[3]
Description
organises [0:n]
organised by [0:n]
Courses[15]
Description
Timetable
Books
Programms
A2A
Teacher [20]
teaches [1:n]
is taught by [1:n]
CV
Timetable
Contact and desk
A2A
Associated [1:n]
and Exams[30]
Instruction
Practical information
A2A

IV. Sketches and scenarios.

a) Sketches.

You can find all the following sketches at the end of the document, after the scenarios part and the conclusion.

Here is the list of the sketches classified by type :

- ➢ Default page :
  - Home
  - All Courses
  - Courses byYear
  - Formations
  - Courses by formations
  - All Teacher

- ➢ Topic Page :
  - About us

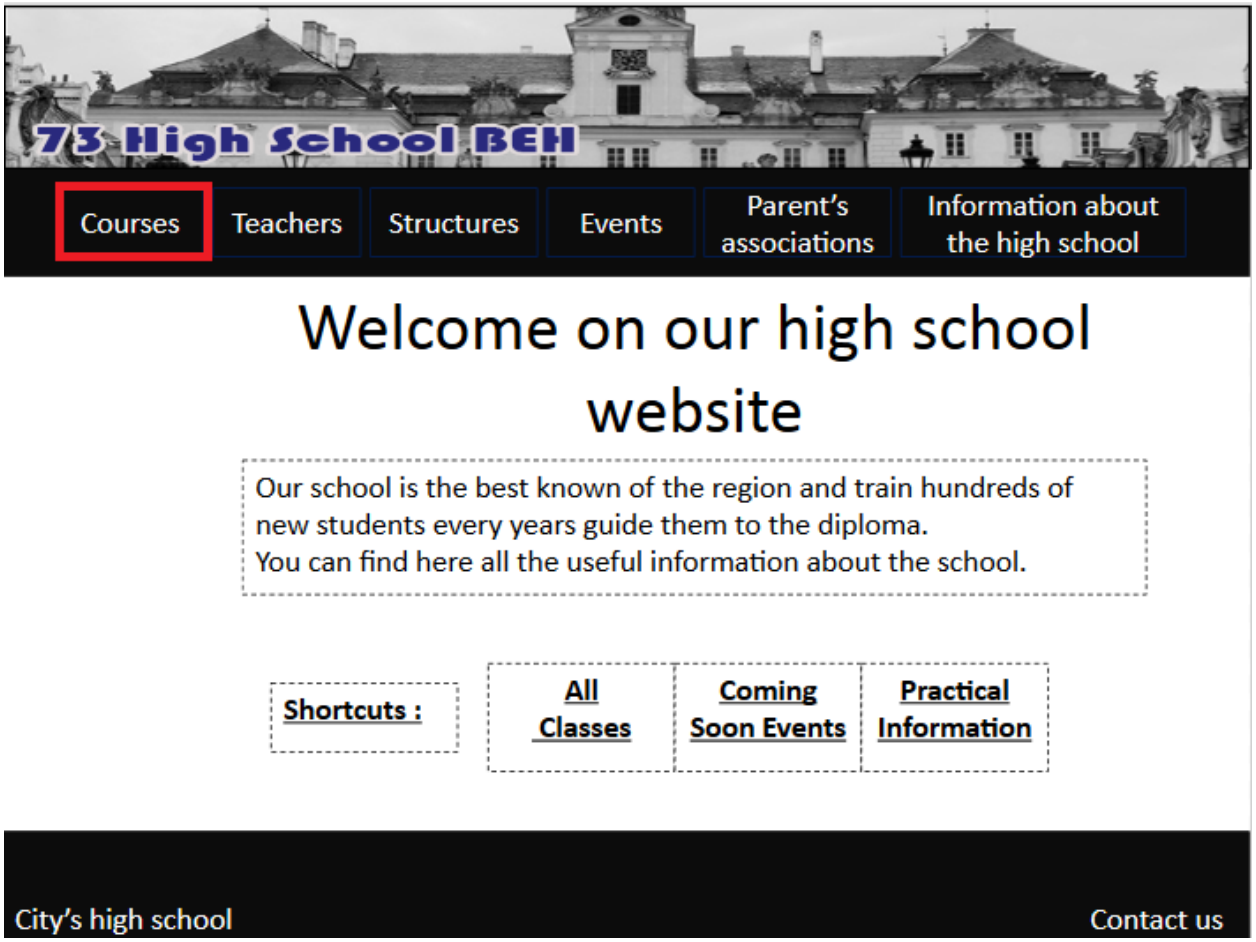
- ➢ Multiple Topic page :
  - Courses
  - Teaching Material
  - Test & exams
  - Teacher

- ➢ Transition page :
  - Teaching material used by a course
  - Test & exam associated to a course
  - Teacher teaches some courses
  - 1 course is taught by some teacher.

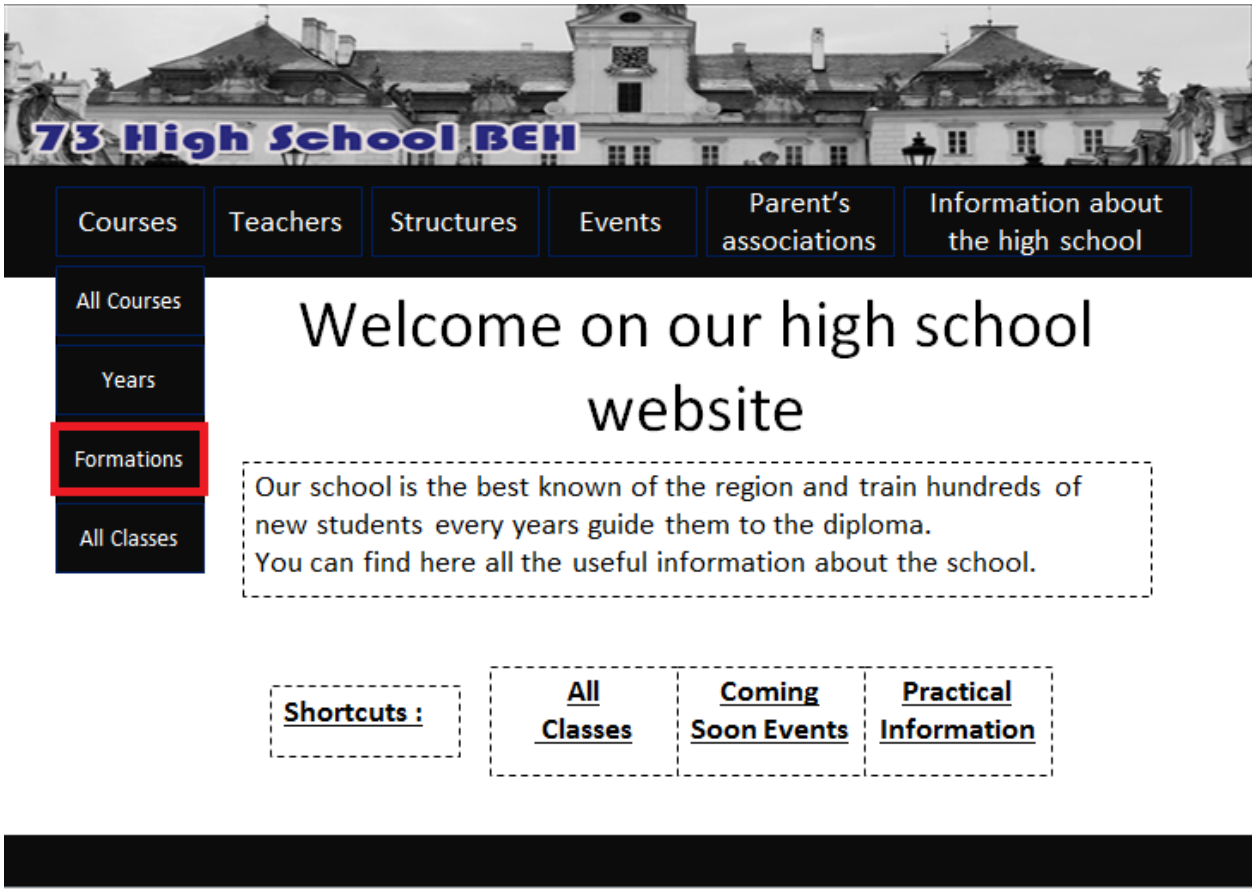
b) Scenarios.

1. A user wants to know the courses of his formation (Passage par home -> Years -> formation -> Courses by formation)

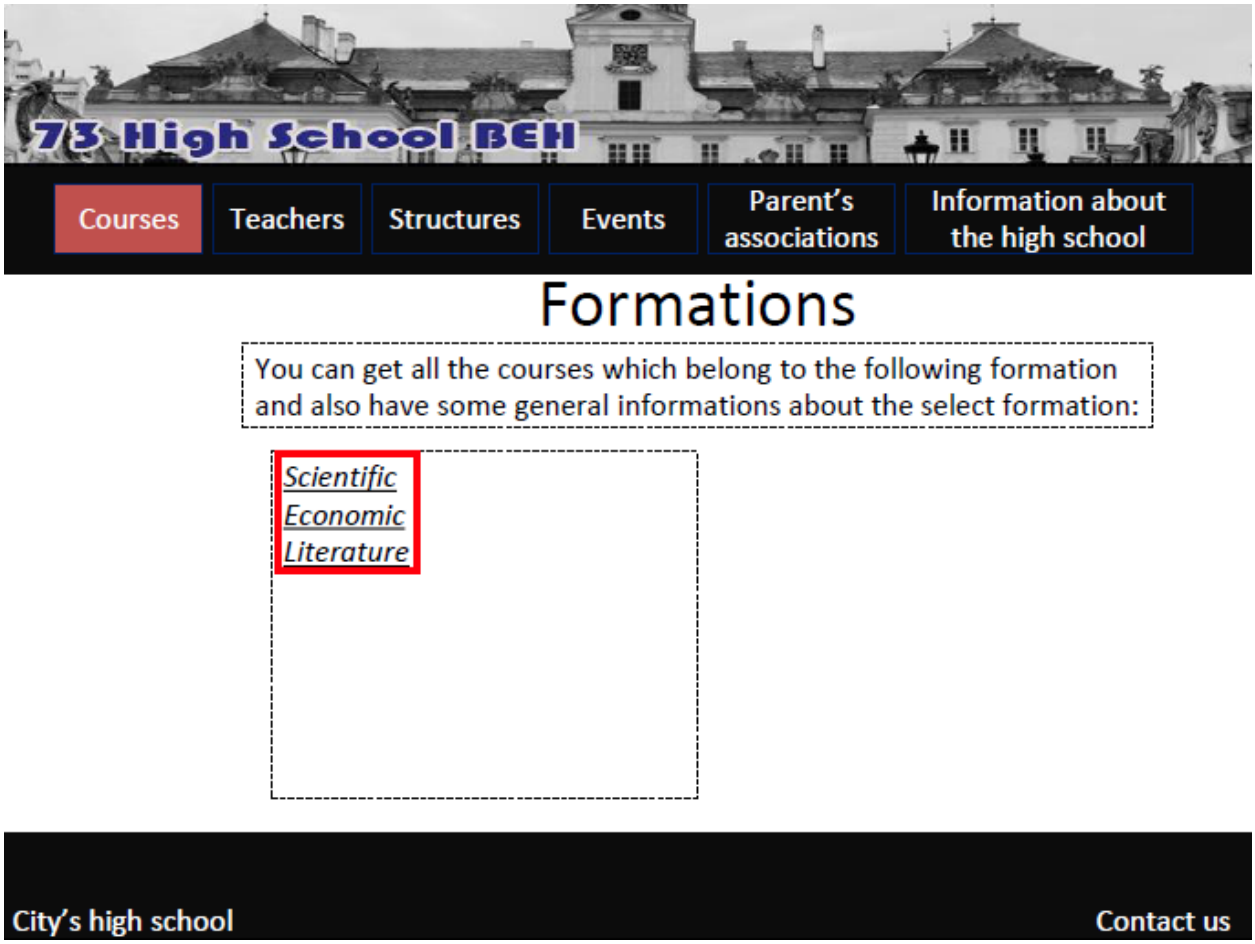
First, we assume the user is on the Home page.



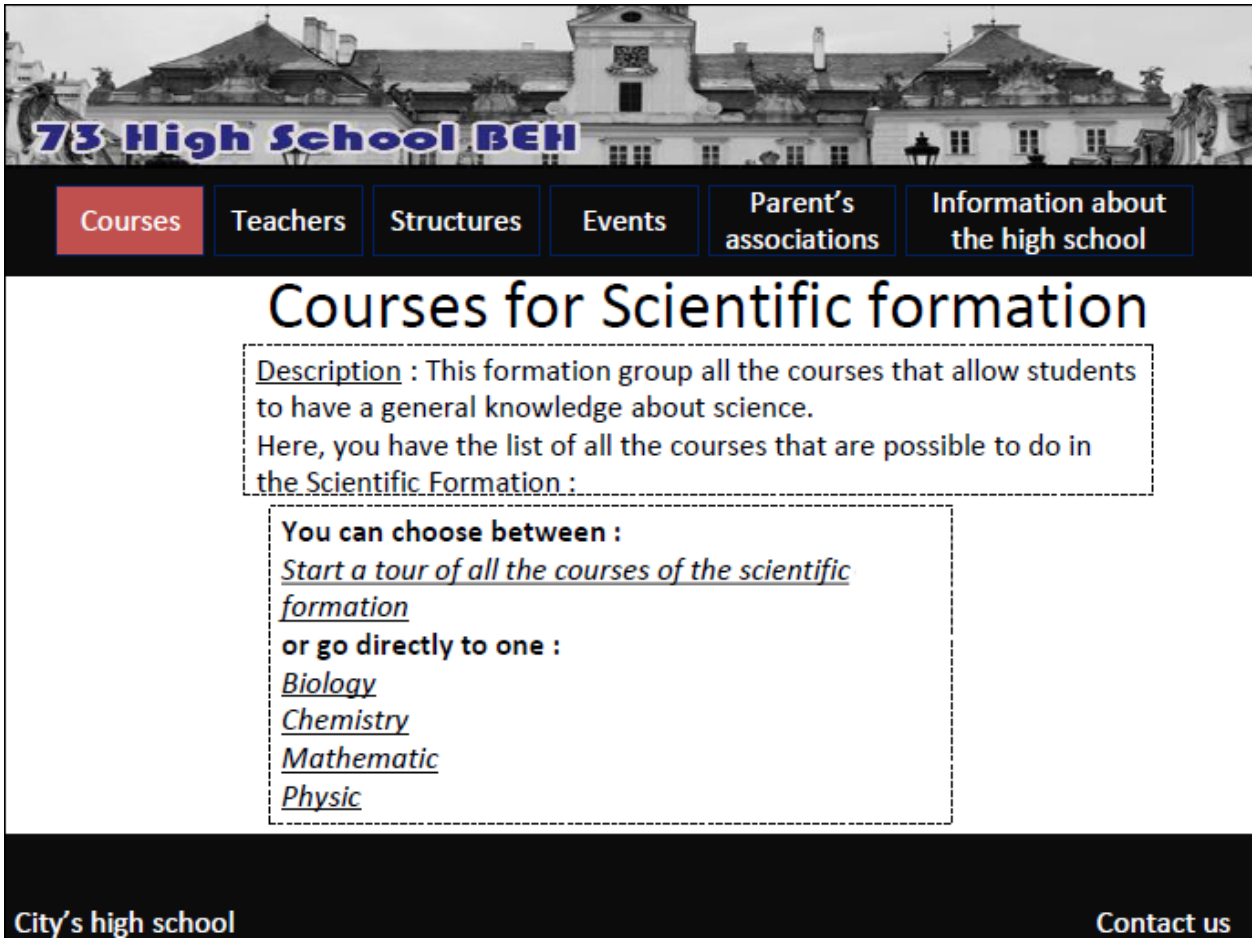
Then he will have to select the Menu Courses and then a list appear. The user will then select the page : Formation.



Then he will arrive on the Following page :

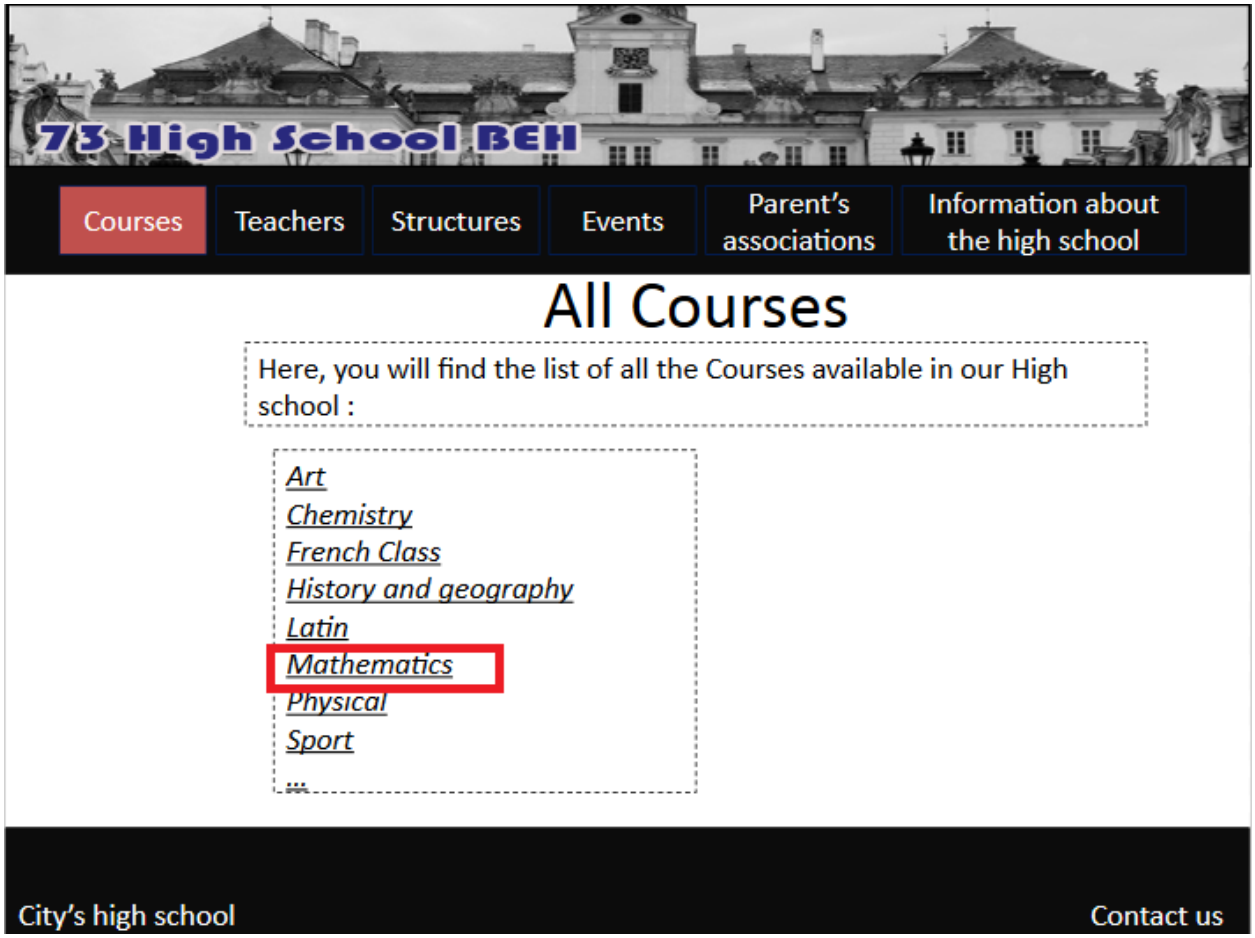


Inside the red square we can see a list of link, they will lead the user to the courses which belong to one formation. For example, if the user go on the scientific page, he will get the following page which indicate to him all the courses for the scientific formation :

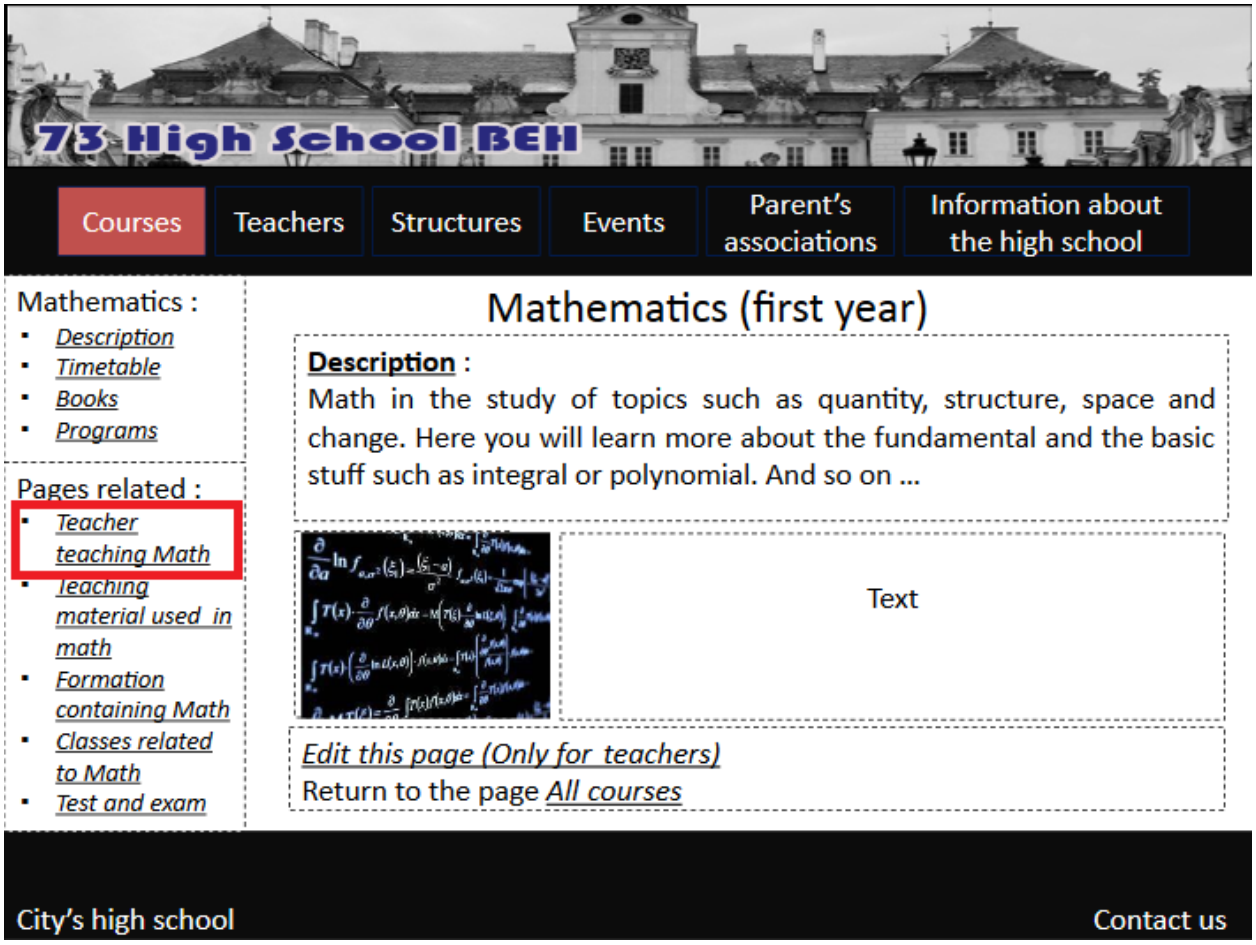


2. A user wants to know who is teaching mathematics (Passage par : Home -> All Courses -> Math -> Teacher.)

First, we assume that the user is on the Home page. He will choose the landmark Courses, and then select in the list the page All Courses. Then he will arrive on the following page :



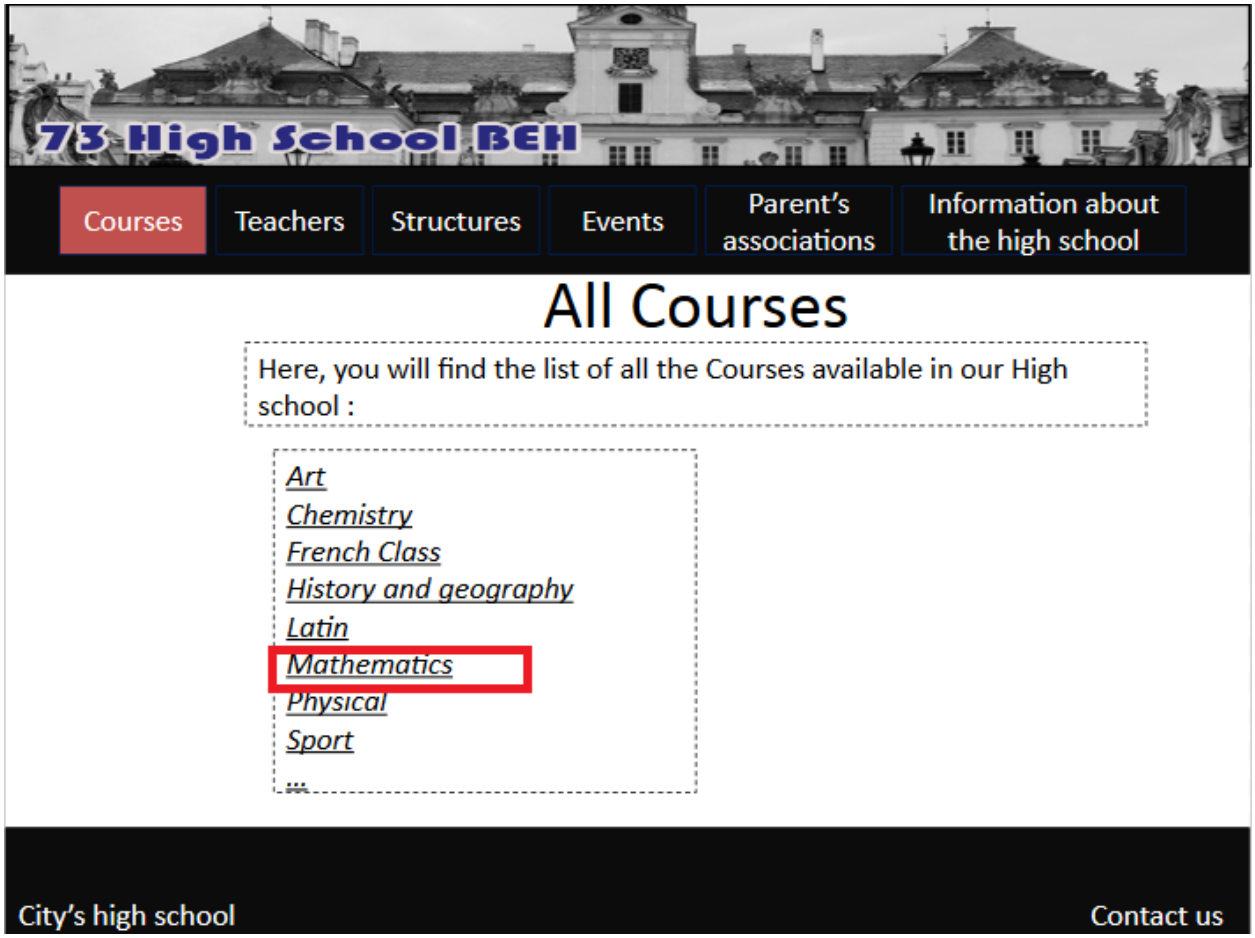
On the red square, we can see the link directed to the course Mathematics. So the user can click on it and access the following page :



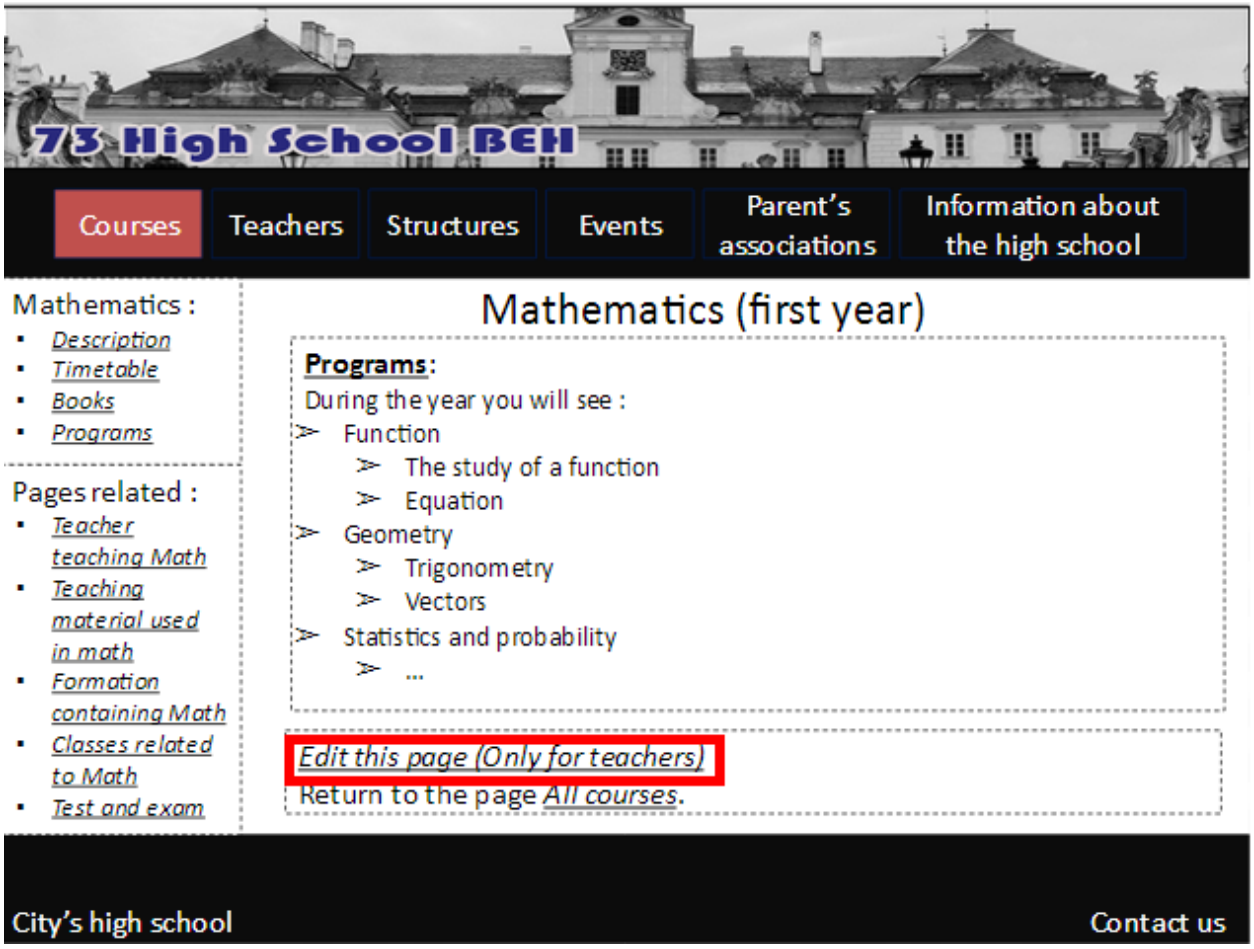
On the red square, we can see the link to the page where the teacher doing Math will be listed. The user can access to the information he wanted. And he will know who are the teachers of Mathematics.

3. A teacher wants to add information on his course

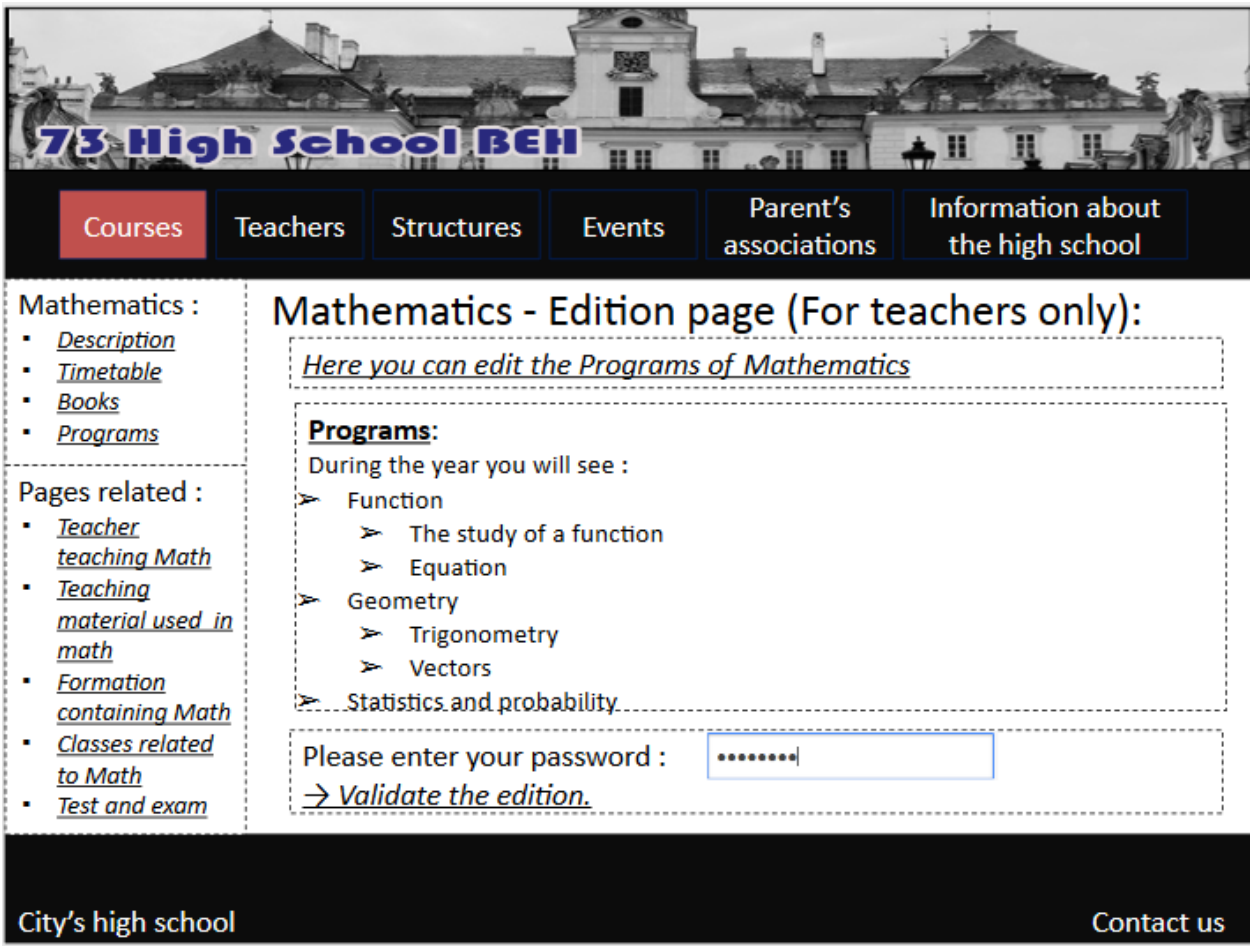
First we assume that the teacher will go on the page of his course :



Then click on the edition link :

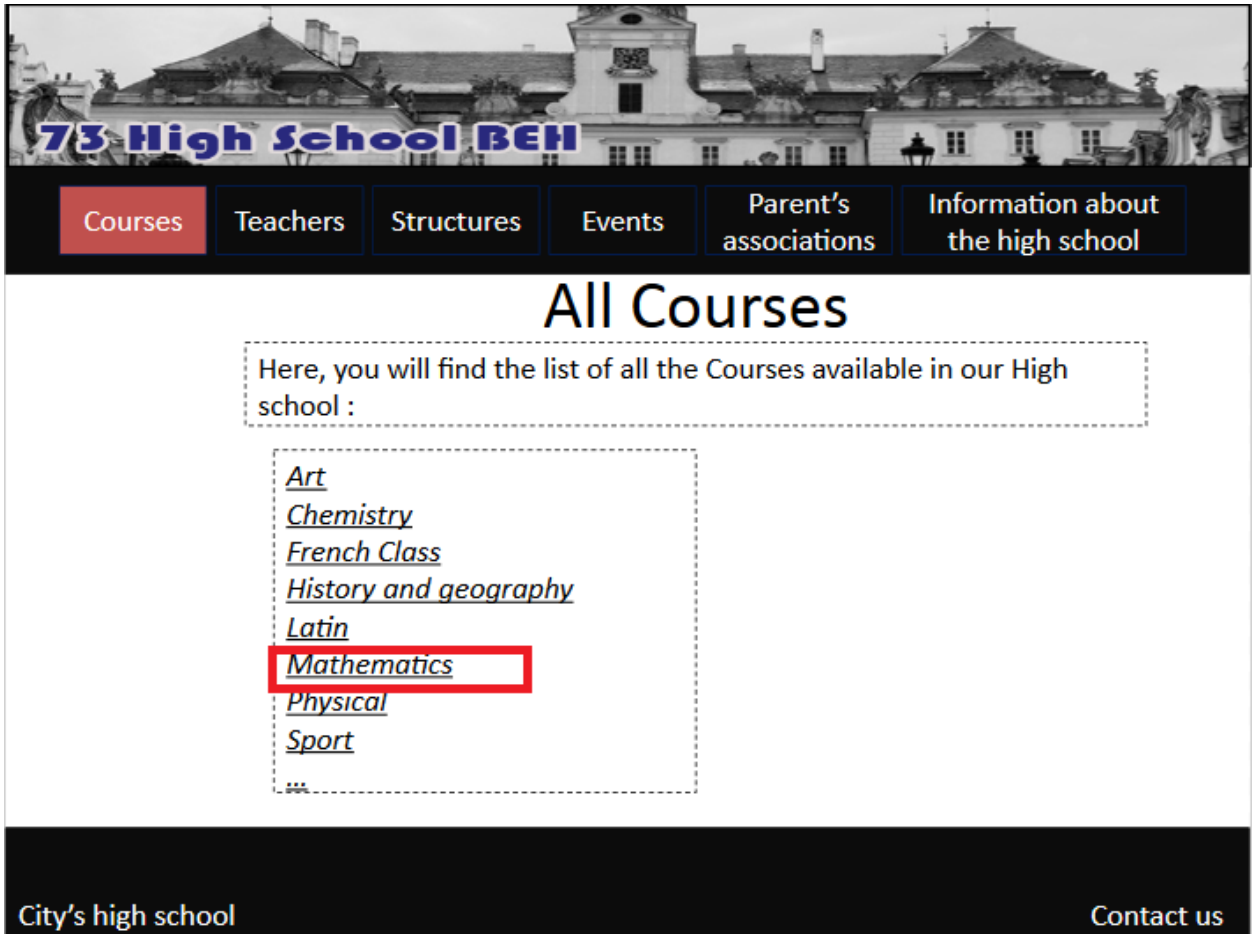


Then he will have the possibility to edit the content. To verify that only teachers can edit this page, he must enter a password to validate the edition :

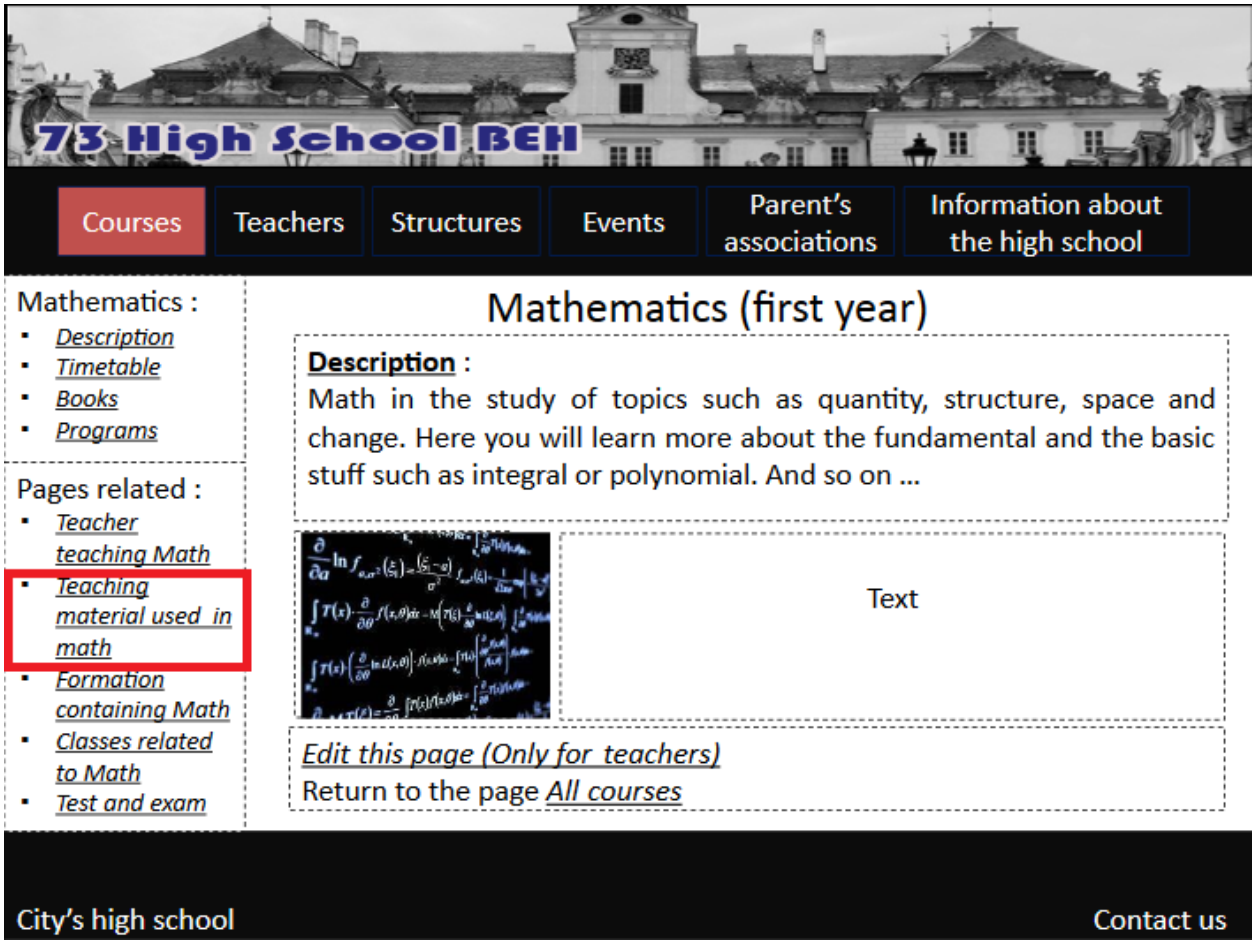


4. A user wants to know the teaching material for the mathematics course

First the user will choose the mathematic course in the page all courses :

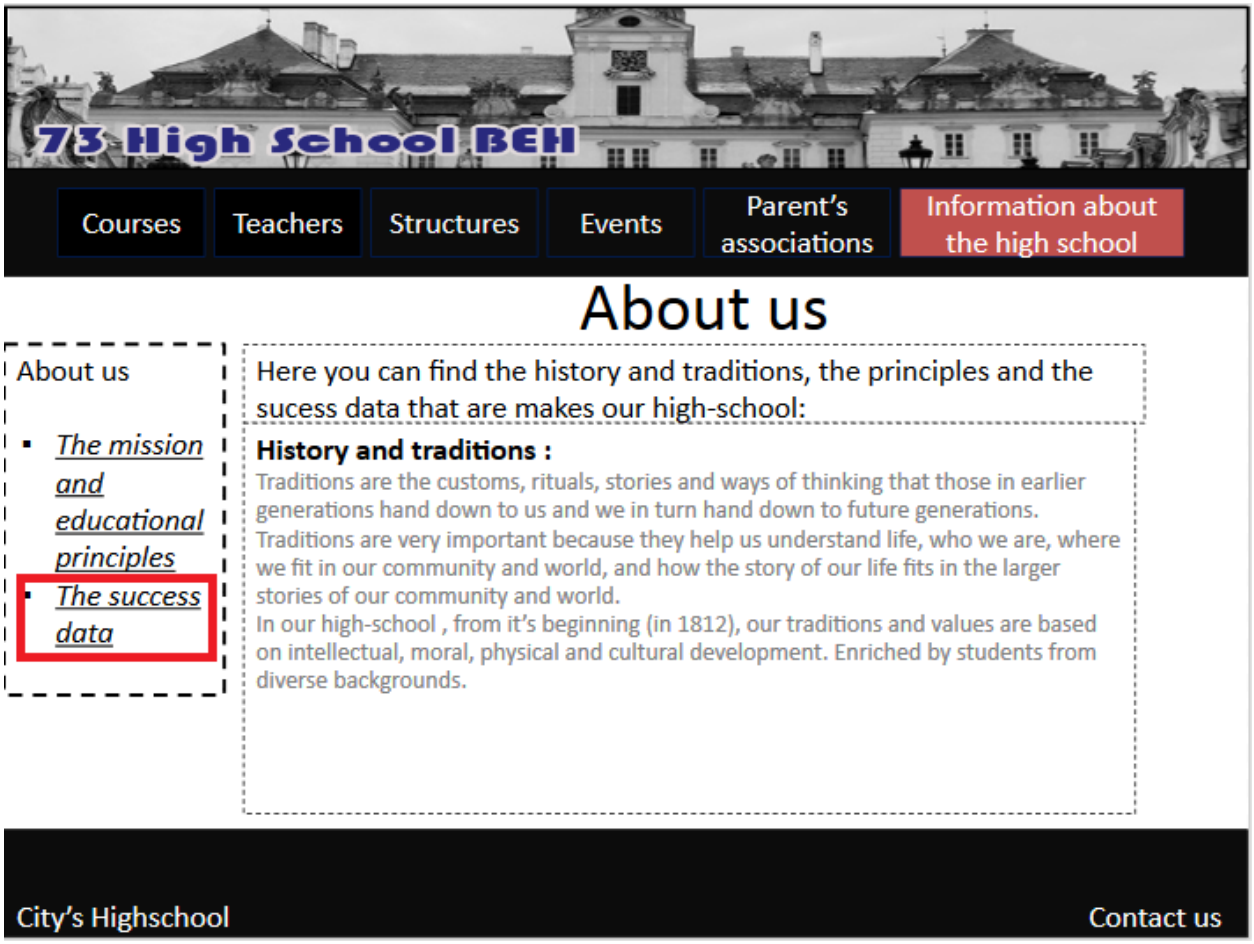


Then he will click on "Teaching Material used in Maths :



5. A user wants to know more about the school (about us: one precise information, per example : Success data for the science diploma)

First, we assume that the user is on the Homepage (the thread will be the same from wherever in the website). He will choose the landmark "Informations about us", and then select in the list the page "About us". Then he will arrive on the following page :

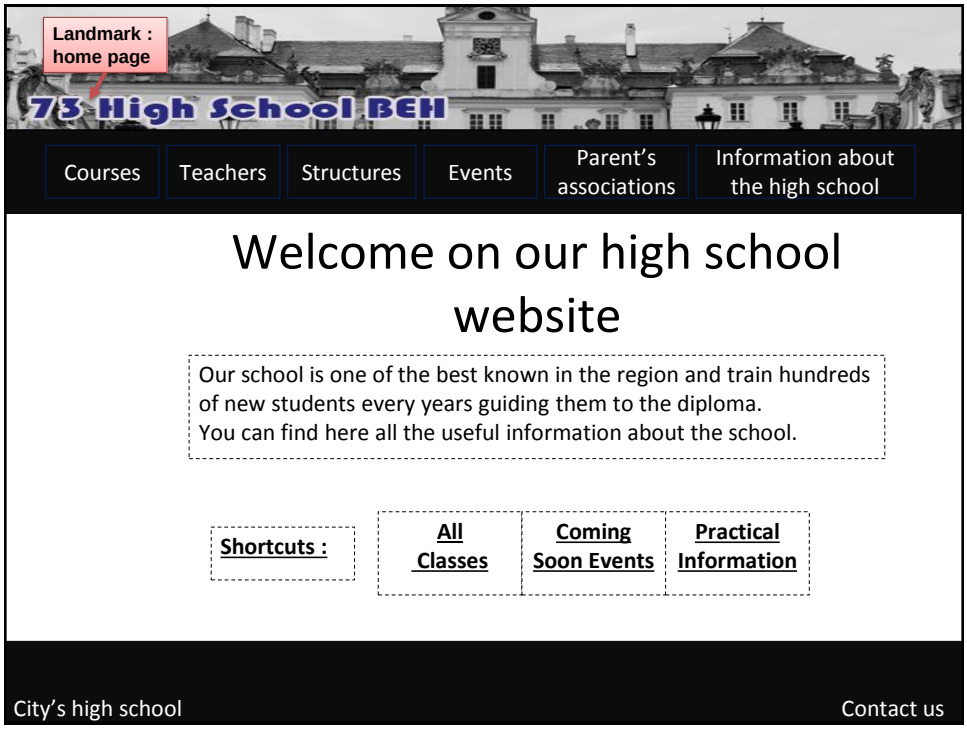


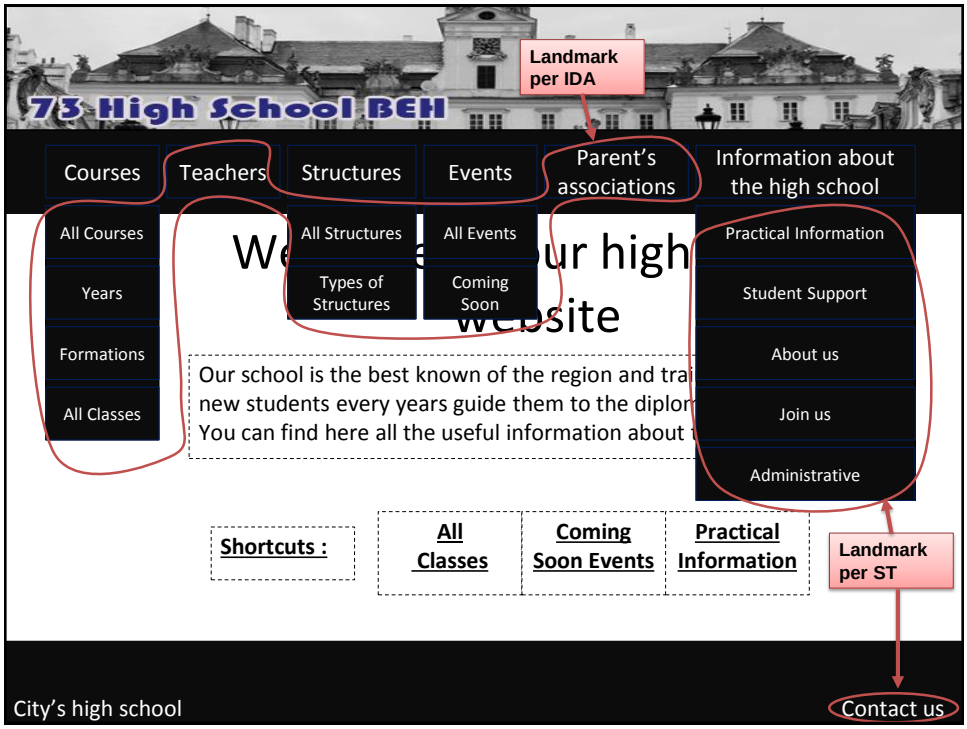
On the red square, we can see the link to the page where the success data is presented. The user can access to the information he wanted.

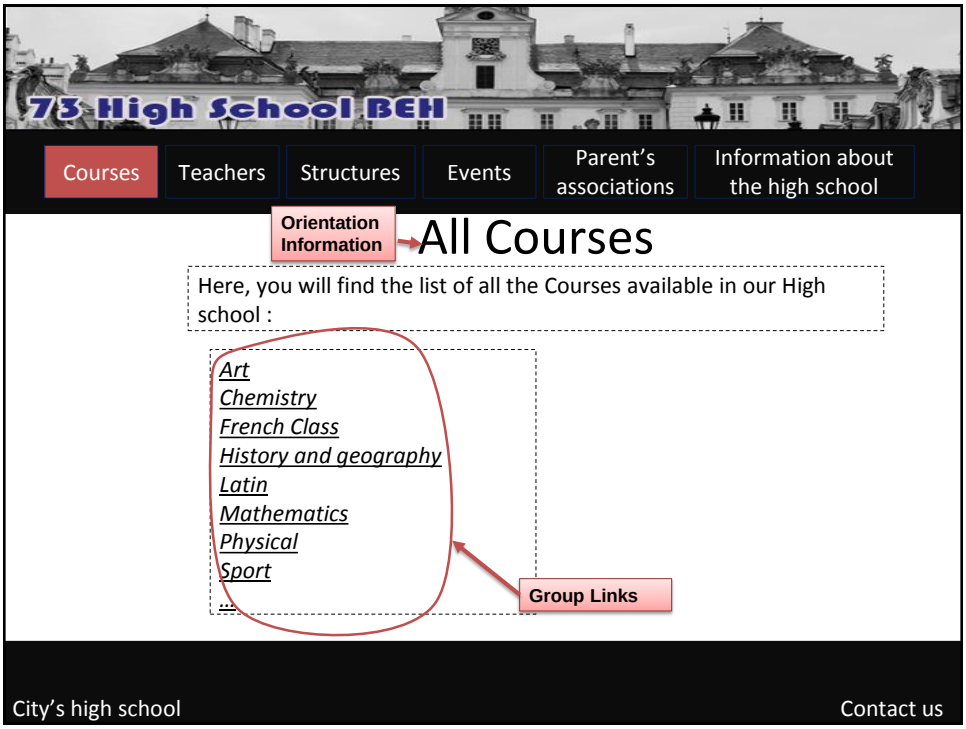
V. Conclusion.

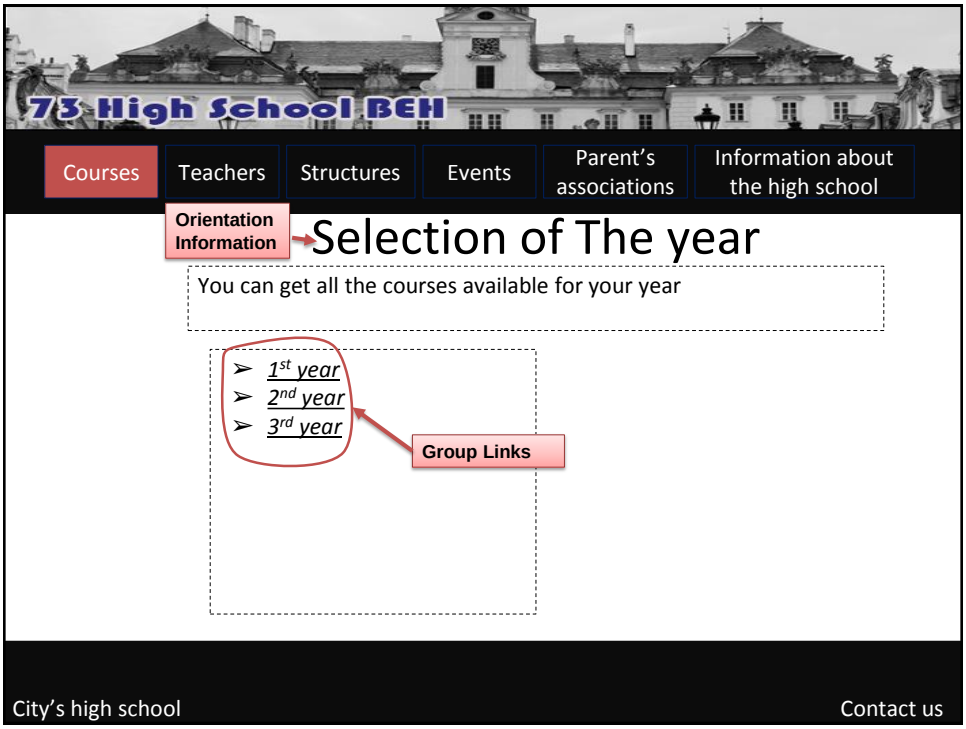
As we have now define the entire design specifications of the high school website, we will be able to go threw the second part of the project and do an evolutive prototype. Thanks to the methods taught in class, we have been able to easily work together. We are confident for the following steps. It's become now almost only a technical issue and we appreciate this way to separate the work between the design part and the implementation part.

Here below in an extra part we can see all of our sketches :


Landmark : home page
73 High School BEH
Courses
Teachers
Structures
Events
Parent's associations
Information about the high school
Welcome on our high school website
Our school is one of the best known in the region and train hundreds of new students every years guiding them to the diploma.
You can find here all the useful information about the school.
Shortcuts :
All Classes
Coming Soon Events
Practical Information
City's high school
Contact us


73 High School BEH
Landmark per IDA
Courses
Teachers
Structures
Events
Parent's associations
Information about the high school
All Courses
Years
Formations
All Classes
All Structures
Types of Structures
All Events
Coming Soon
Practical Information
Student Support
About us
Join us
Administrative
Shortcuts :
All Classes
Coming Soon Events
Practical Information
Landmark per ST
City's high school
Contact us


73 High School BEH
Courses
Teachers
Structures
Events
Parent's associations
Information about the high school
Orientation Information
All Courses
Here, you will find the list of all the Courses available in our High school :
Art
Chemistry
French Class
History and geography
Latin
Mathematics
Physical
Sport
...
Group Links
City's high school
Contact us


73 High School BEH
Courses
Teachers
Structures
Events
Parent's associations
Information about the high school
Orientation Information
Selection of The year
You can get all the courses available for your year
1st year
2nd year
3rd year
Group Links
City's high school
Contact us

Courses | Teachers | Structures | Events | Parent's associations | Information about the high school

Orientation Information

Courses for the 2nd Year

Here, you have the list of all the courses done during the 2nd year

You can choose between :

Start a tour of all the courses of the 2nd year — Group link

or go directly to one :

Art
French class
Mathematic
Physic
Sport

Transition Links

City's high school | Contact us

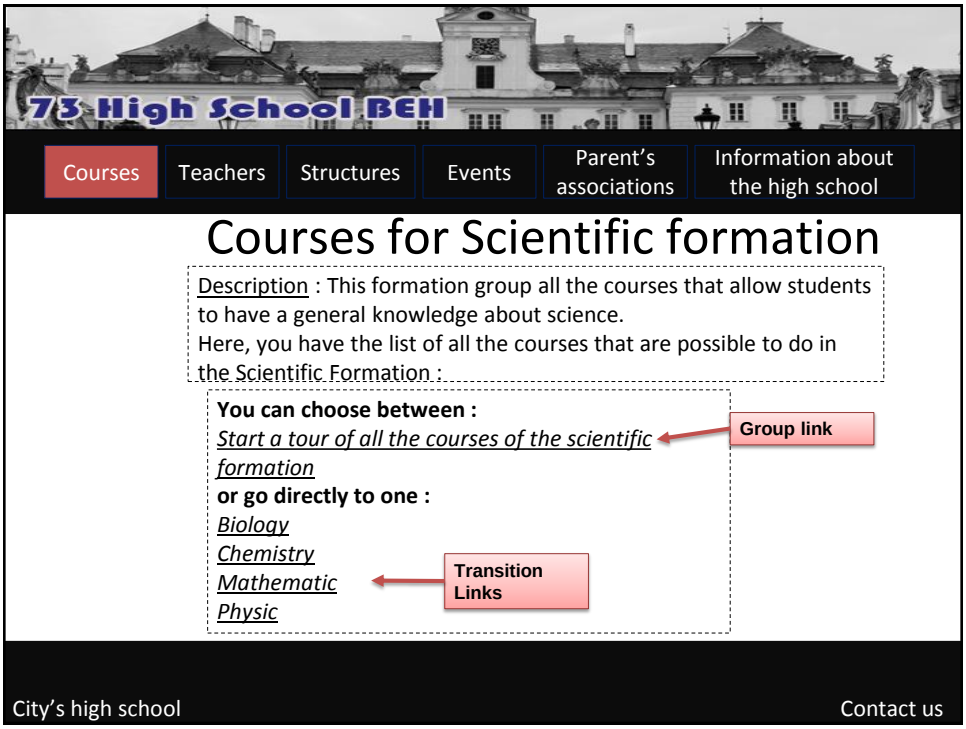
Courses | Teachers | Structures | Events | Parent's associations | Information about the high school

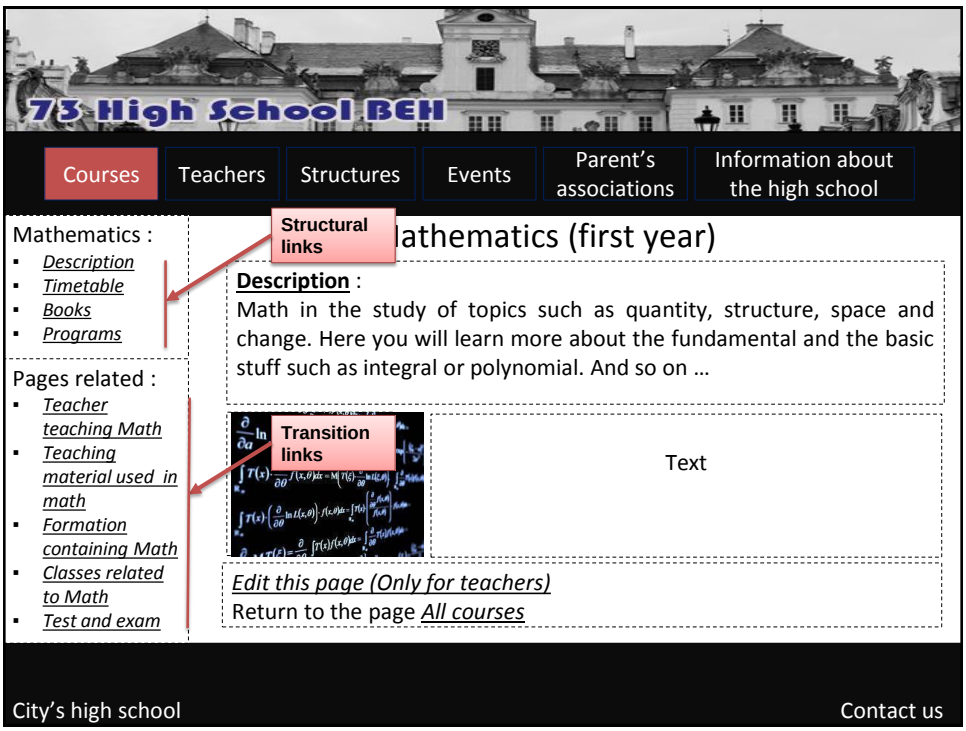
Formations

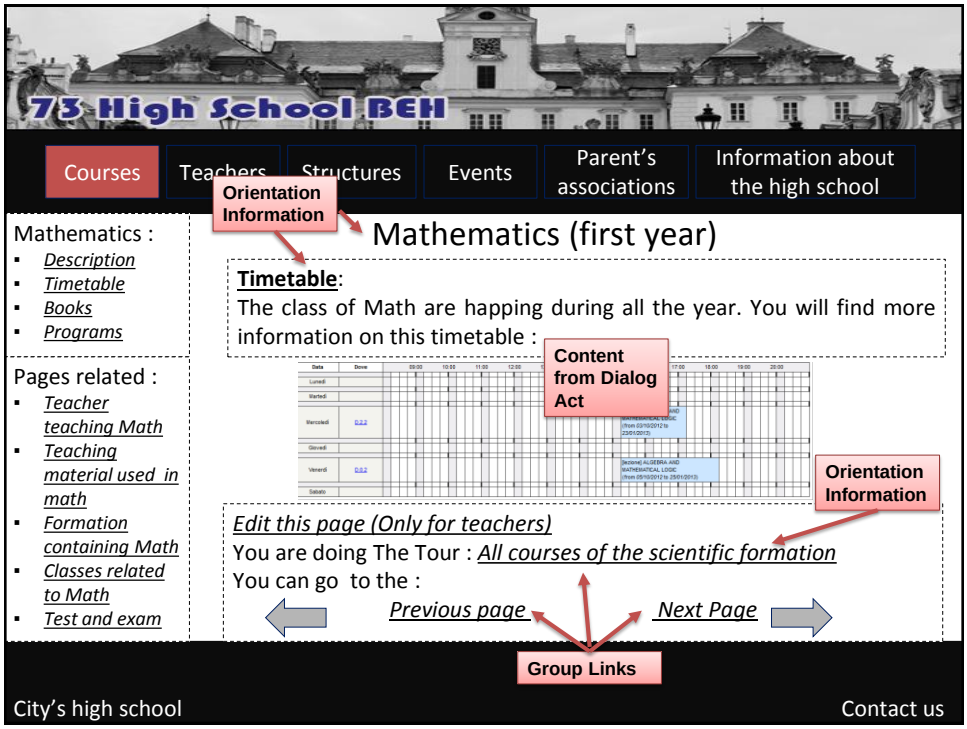
You can get all the courses which belong to the following formation and also have some general informations about the select formation:

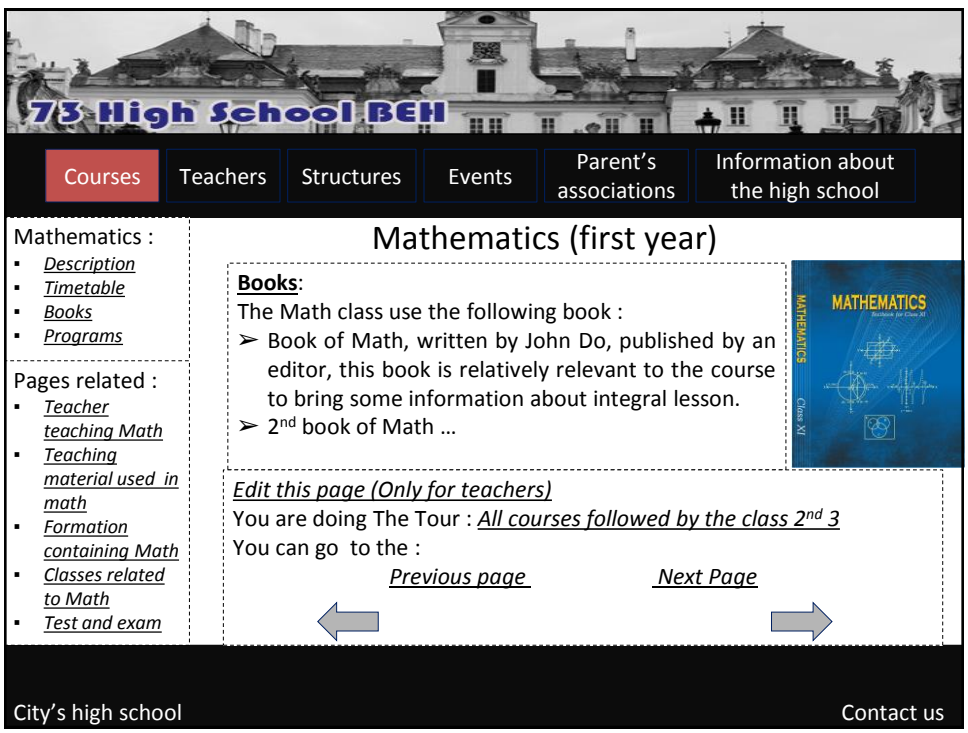
Scientific
Economic
Literature

City's high school | Contact us


73 High School BEH
Courses
Teachers
Structures
Events
Parent's associations
Information about the high school
Courses for Scientific formation
Description : This formation group all the courses that allow students to have a general knowledge about science.
Here, you have the list of all the courses that are possible to do in the Scientific Formation :
You can choose between :
Start a tour of all the courses of the scientific formation
Group link
or go directly to one :
Biology
Chemistry
Mathematic
Physic
Transition Links
City's high school
Contact us


73 High School BEH
Courses
Teachers
Structures
Events
Parent's associations
Information about the high school
Mathematics :
Description
Timetable
Books
Programs
Structural links
athematics (first year)
Description :
Math in the study of topics such as quantity, structure, space and change. Here you will learn more about the fundamental and the basic stuff such as integral or polynomial. And so on …
Pages related :
Teacher teaching Math
Teaching material used in math
Formation containing Math
Classes related to Math
Test and exam
Transition links
Text
Edit this page (Only for teachers)
Return to the page All courses
City's high school
Contact us


73 High School BEH
Courses
Teachers
Structures
Events
Parent's associations
Information about the high school
Orientation Information
Mathematics (first year)
Mathematics :
Description
Timetable
Books
Programs
Pages related :
Teacher teaching Math
Teaching material used in math
Formation containing Math
Classes related to Math
Test and exam
Timetable:
The class of Math are happing during all the year. You will find more information on this timetable :
Content from Dialog Act
Orientation Information
Edit this page (Only for teachers)
You are doing The Tour : All courses of the scientific formation
You can go to the :
Previous page
Next Page
Group Links
City's high school
Contact us


73 High School BEH
Courses
Teachers
Structures
Events
Parent's associations
Information about the high school
Mathematics (first year)
Mathematics :
Description
Timetable
Books
Programs
Pages related :
Teacher teaching Math
Teaching material used in math
Formation containing Math
Classes related to Math
Test and exam
Books:
The Math class use the following book :
➢ Book of Math, written by John Do, published by an editor, this book is relatively relevant to the course to bring some information about integral lesson.
➢ 2nd book of Math …
MATHEMATICS
Edit this page (Only for teachers)
You are doing The Tour : All courses followed by the class 2nd 3
You can go to the :
Previous page
Next Page
City's high school
Contact us

Courses | Teachers | Structures | Events | Parent's associations | Information about the high school

Mathematics :
- *Description*
- *Timetable*
- *Books*
- *Programs*

Pages related :
- *Teacher teaching Math*
- *Teaching material used in math*
- *Formation containing Math*
- *Classes related to Math*
- *Test and exam*

Mathematics (first year)

Programs:
During the year you will see :
- ➢ Function
  - ➢ The study of a function
  - ➢ Equation
- ➢ Geometry
  - ➢ Trigonometry
  - ➢ Vectors
- ➢ Statistics and probability
  - ➢ …

Edit this page (Only for teachers)
Return to the page *All courses*.

City's high school | Contact us

Courses | Teachers | Structures | Events | Parent's associations | Information about the high school

Mathematics :
- *Description*
- *Timetable*
- *Books*
- *Programs*

Pages related :
- *Teacher teaching Math*
- *Teaching material used in math*
- *Formation containing Math*
- *Classes related to Math*
- *Test and exam*

Mathematics - Edition page (For teachers only):

Here you can edit the Programs of Mathematics

Programs:
During the year you will see :
- ➢ Function
  - ➢ The study of a function
  - ➢ Equation
- ➢ Geometry
  - ➢ Trigonometry
  - ➢ Vectors
- ➢ Statistics and probability

Please enter your password : ••••••••
→ Validate the edition.

City's high school | Contact us

Mathematics :

- *Description*
- *Timetable*
- *Books*
- *Programs*

Tests and exams of the course : Mathematics (first year)

Tests and exams:

1. *1st exam Mathematics (1st y.)*
2. *2nd exam Mathematics (1st y.)*
3. *Final exam Mathematics (1st y.)*

Mathematics tests and exams :

- *Practical information*

Tests and exams : 1st exam Mathematics (1st y.)

- exam of the course : Mathematics (1st year)

Instructions :
The exam will be divided in three parts :
- Functions
- Geometry
- Statistics and probability

No document authorized, no calculator. It last 2 hours.

Edit this page (Only for teachers)
You are watching one test or exam in the list :
Tests and exams associated with the course Mathematics (1st year)

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Mathematics tests and exams :

- *Instructions*

Tests and exams : 1st exam Mathematics (1st y.)

- exam of the course : Mathematics (1st year)

Practical information:
Location : Room L.26.1
When : 22/10/14
Professor : Mr. Marc Brian

Edit this page (Only for teachers)
You are watching one test or exam in the list :
Tests and exams associated with the course Mathematics (1st year)

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Mathematics :

- *Description*
- *Timetable*
- *Books*
- *Programs*

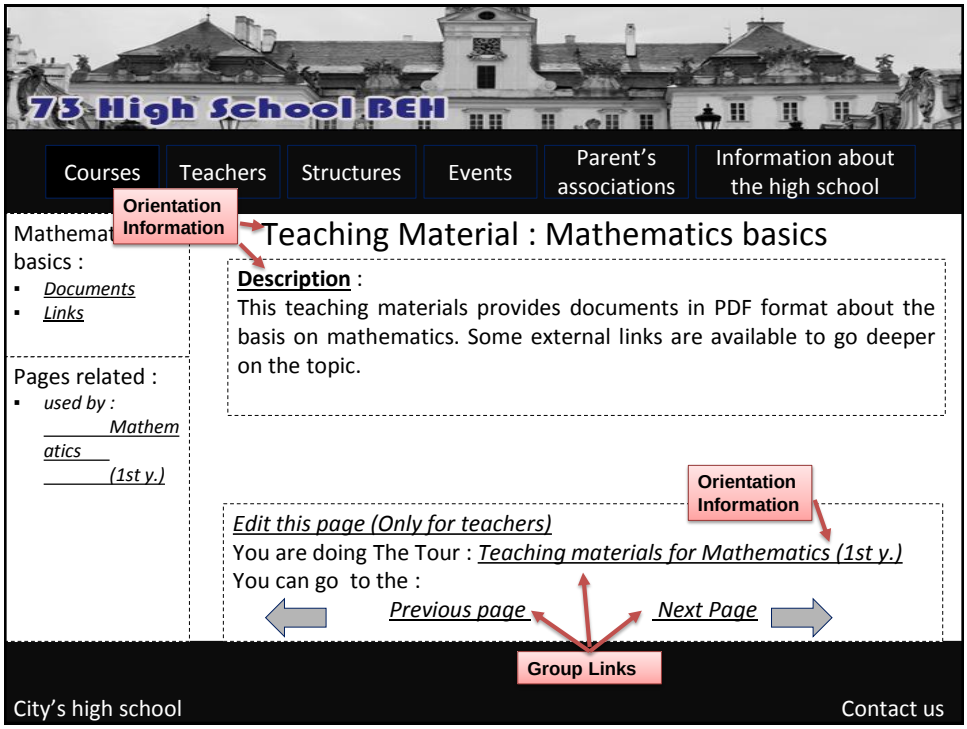
Teaching Materials used in Mathematics (first year)

Teaching materials :

1. *Mathematics basics*
2. *History of math*
3. *Techniques of Geometry*

Transition Links

City's High school | Contact us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Orientation Information
Mathemat basics :
Documents
Links
Pages related :
used by : Mathematics (1st y.)
Teaching Material : Mathematics basics
Description :
This teaching materials provides documents in PDF format about the basis on mathematics. Some external links are available to go deeper on the topic.
Orientation Information
Edit this page (Only for teachers)
You are doing The Tour : Teaching materials for Mathematics (1st y.)
You can go to the :
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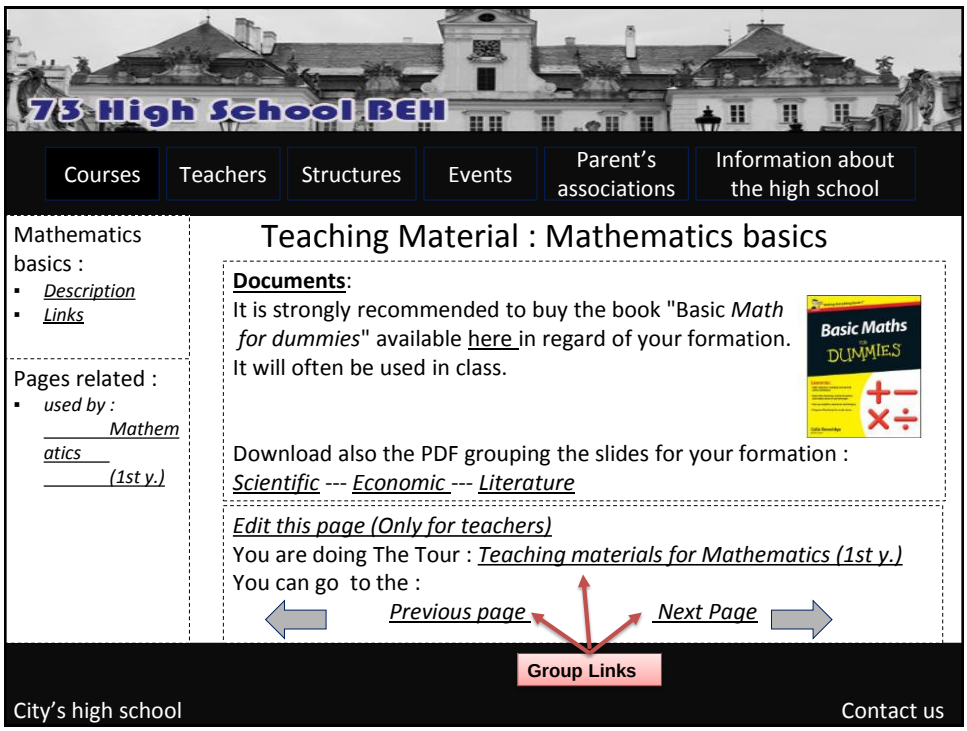
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Mathematics basics :
Description
Links
Pages related :
used by : Mathematics (1st y.)
Teaching Material : Mathematics basics
Documents:
It is strongly recommended to buy the book "Basic Math for dummies" available here in regard of your formation.
It will often be used in class.
Basic Maths For DUMMIES
Download also the PDF grouping the slides for your formation :
Scientific --- Economic --- Literature
Edit this page (Only for teachers)
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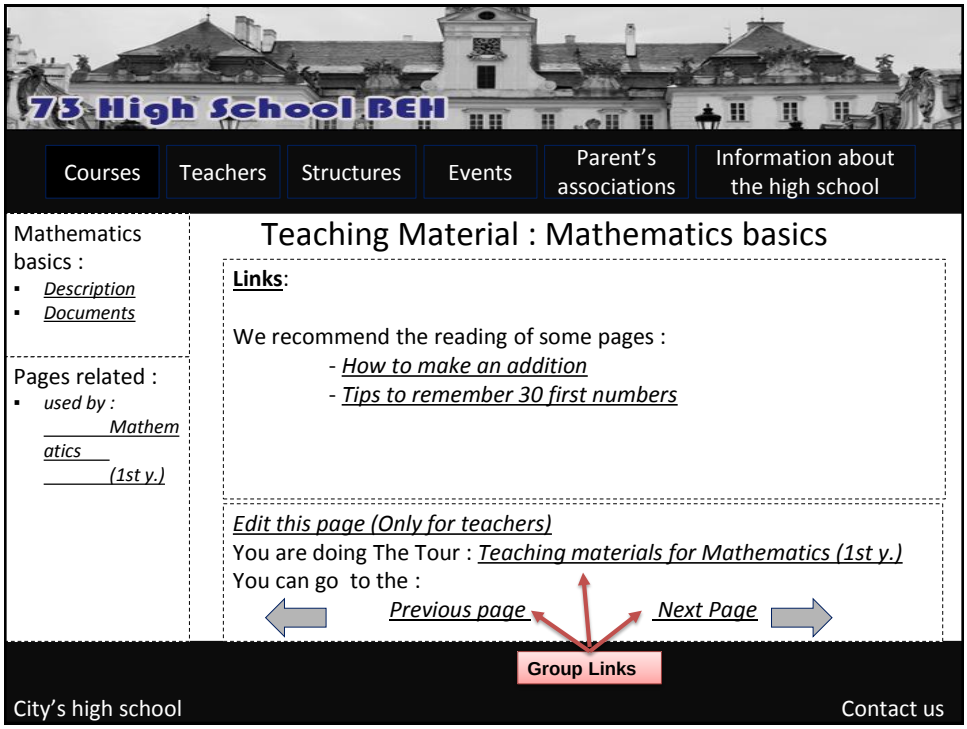
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Mathematics basics :
Description
Documents
Pages related :
used by : Mathematics (1st y.)
Teaching Material : Mathematics basics
Links:
We recommend the reading of some pages :
- How to make an addition
- Tips to remember 30 first numbers
Edit this page (Only for teachers)
You are doing The Tour : Teaching materials for Mathematics (1st y.)
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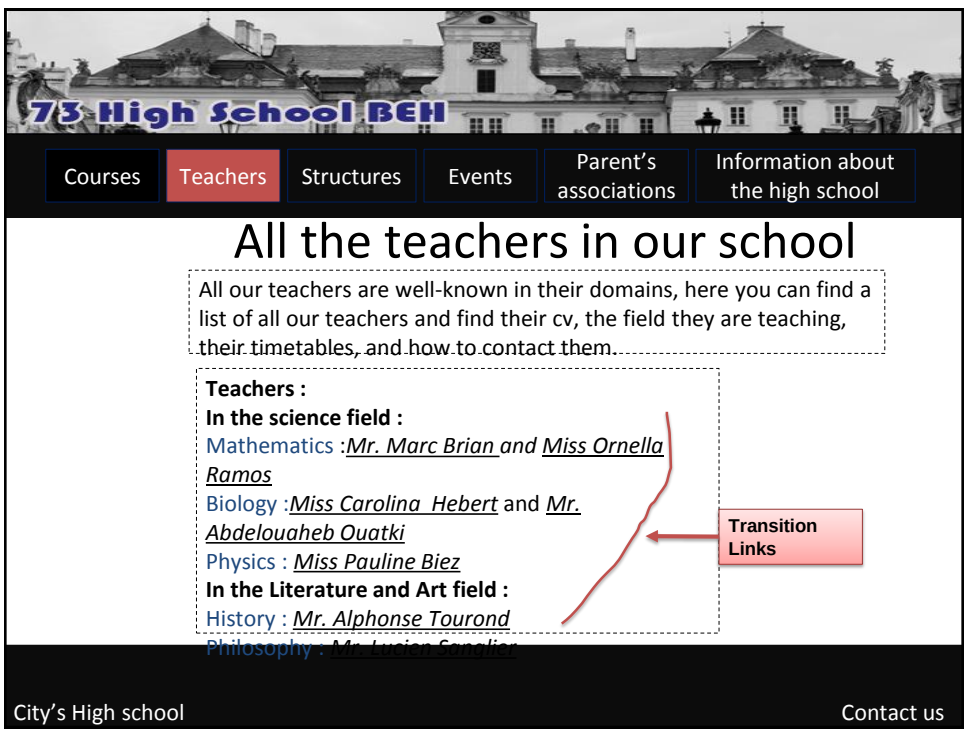
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Information about the high school
All the teachers in our school
All our teachers are well-known in their domains, here you can find a list of all our teachers and find their cv, the field they are teaching, their timetables, and how to contact them.
Teachers :
In the science field :
Mathematics :Mr. Marc Brian and Miss Ornella Ramos
Biology :Miss Carolina Hebert and Mr. Abdelouaheb Ouatki
Physics : Miss Pauline Biez
In the Literature and Art field :
History : Mr. Alphonse Tourond
Philosophy : Mr. Lucien Sanglier
Transition Links
City's High school
Contact us

Courses | Teachers | Structures | Events | Parent's associations | Information about the high school

Ornella Ramos

Ornella Ramos :

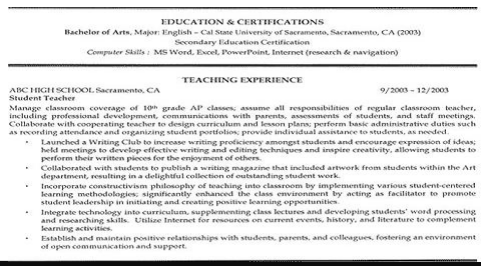
- *Timetable*
- *Contact and desk*

Pages Related :

- *The courses she is teaching*
- *Events Organized by her*

Here you can find her cv, her *timetable*, and how *to contact her and find her desk*

Cv :



EDUCATION & CERTIFICATIONS

Bachelor of Arts, Major: English – Cal State University of Sacramento, Sacramento, CA (2003)
Secondary Education Certification
Computer Skills : MS Word, Excel, PowerPoint, Internet (research & navigation)

TEACHING EXPERIENCE

ABC HIGH SCHOOL Sacramento, CA — 9/2003 – 12/2003
Student Teacher

Manage classroom coverage of 10th grade AP classes; assume all responsibilities of regular classroom teacher, including professional development, communications with parents, assessments of students, and staff meetings. Collaborate with cooperating teacher to design curriculum and lesson plans; perform basic administrative duties such as recording attendance and organizing student portfolios; provide individual assistance to students, as needed.

- Launched a Writing Club to increase writing proficiency amongst students and encourage expression of ideas; held meetings to develop effective writing and editing techniques and inspire creativity, allowing students to perform their written pieces for the enjoyment of others.
- Collaborated with students to publish a writing magazine that included artwork from students within the Art department, resulting in a delightful collection of outstanding student work.
- Incorporate constructivism philosophy of teaching into classroom by implementing various student-centered learning methodologies; significantly enhanced the class environment by acting as facilitator to promote student leadership in initiating and creating positive learning opportunities.
- Integrate technology into curriculum, supplementing class lectures and developing students' word processing and researching skills. Utilize Internet for resources on current events, history, and literature to complement learning activities.
- Establish and maintain positive relationships with students, parents, and colleagues, fostering an environment of open communication and support.

City's High school | Contact us

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Ornella Ramos

Ornella Ramos :

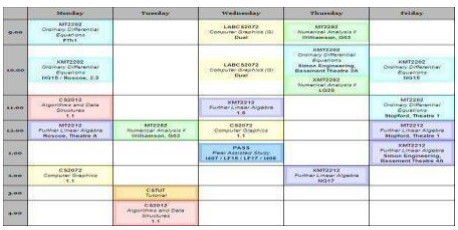
- *Cv*
- *Contact and desk*

Pages Related :

- *The courses she is teaching*
- *Events Organized by her*

Here you can find her cv, her *timetable*, and how *to contact her and find her desk*

Timetable :



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Ornella Ramos

Ornella Ramos :

- *Cv*
- *Timetable*

Here you can find her cv, her *timetable*, and how *to contact her and find her desk*

Contact and desk:

Pages Related :

- *The courses she is teaching*
- *Events Organized by her*

Desk : Building 21, 213.
Phone : 329 55 12 65 32
Email : OrnellaRamos@highschool.com

Courses that *Ornella Ramos* teaches

Ornella Ramos :

- *Cv*
- *Timetable*
- *Contact and desk*

Courses:

- *Mathematics* (First year).
- *Physics* (First year).
- *Physics* (second year).

Courses | Teachers | Structures | Events | Parent's associations | Information about the high school

Teachers who are teaching Mathematics (first year)

Mathematics :

- *Description*
- *Timetable*
- *Books*
- *Programs*

Teachers:

For the first year: *Miss Ornella Ramos* & *Mr. Marc Brian*

City's High school | Contact us

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About us

About us

- *The mission and educational principles*
- *The success data*

Here you can find the history and traditions, the principles and the sucess data that are makes our high-school:

History and traditions :

Traditions are the customs, rituals, stories and ways of thinking that those in earlier generations hand down to us and we in turn hand down to future generations.
Traditions are very important because they help us understand life, who we are, where we fit in our community and world, and how the story of our life fits in the larger stories of our community and world.
In our high-school , from it's beginning (in 1812), our traditions and values are based on intellectual, moral, physical and cultural development. Enriched by students from diverse backgrounds.

City's Highschool | Contact us

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About us

About us

- *History and traditions*
- *The success data*

Here you can find the history and traditions, the principles and the sucess data that are makes our high-school:

The mission and educational principles:

The mission of our high school is to provide students with an education based on science and phylosophy in order to develop men and women in intellectual maturity, wisdom, who are committed to serving their community, and the world.

City's Highschool | Contact us

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About us

About us

- *The mission and educational principles*
- *History and traditions.*

Here you can find the history and traditions, the principles and the sucess data that are makes our hig-school:

Success data :

Field of the diploma	HeadCount	National succes rate	Success rate of our high-school
Science	206 students	88%	98%
Economics	120 students	87%	95%
Arts	50 students	85%	93%

City's Highschool | Contact us