## ERASMUS M.A.T.H.S. ACTIVITY

## MATHEMATICLESSONS HELD BY STUDENTS IN ENGLISH

Usage of Geogebra files created by students and teachers
(Countries involved: Spain, Greece, Germany, Turkey, Italy)

ONLINE PROPOSAL SURVAY RESULTS from the Italians students who attended the lessons on April 13th, 2016

| What lessons did you attend? |  |  |  |
| :--- | :---: | :---: | :---: |
|  | Response |  |  |
| Answer Options | Percent | Response Count |  |
| Simmetry | $33,3 \%$ | 78 |  |
| Sequence | $7,3 \%$ | 17 |  |
| linear functions | $41,9 \%$ | 98 |  |
| Thales theorem | $25,6 \%$ | 60 |  |
| exponential and logarithmic funcions | $21,4 \%$ | 50 |  |
| Circumference , 2^ degree function | $17,9 \%$ | 42 |  |
|  | answered question |  | 234 |
|  | skipped question |  | 11 |



| Do you think that the lessons conducted by the <br> students involved in the Erasmus M.A.T.H. project <br> were set out clearly? <br> Answer Options Response Response <br> Percent Count  <br> yes $55,1 \%$ 135 <br> no $4,9 \%$ 12 <br> sufficiently $40,0 \%$ 98 <br>  <br>  <br>  <br> answered question <br> skipped question |
| :--- |



Did the use of Geogebra helped you understand better the topic presented?

| Answer Options | Response <br> Percent | Response <br> Count |
| :--- | :---: | :---: |
| yes | $58,0 \%$ | 141 |
| no | $13,2 \%$ | 32 |
| sufficently | $28,8 \%$ | 70 |

Did the use of Geogebra helped you understand better the topic presented?


Did you find any difficulty in understanding the lesson because the main language used was English?

| Answer Options | Response <br> Percent | Response <br> Count |
| :--- | :---: | :---: |
| yes, great difficulty that compromised | $8,2 \%$ | 20 |
| the understanding of the whole lesson | $29,8 \%$ | 73 |
| no difficulties at all | Some difficulty but I understood $62,0 \%$ | 152 |



Did you find any difficulty because of the proposed topic?
\(\left.$$
\begin{array}{l|cc|}\hline \text { Answer Options } & \begin{array}{c}\text { Response } \\
\text { Percent }\end{array} & \begin{array}{c}\text { Response } \\
\text { Count }\end{array}
$$ <br>
yes \& 10,6 \% \& 26 <br>

no \& 60,4 \% \& 148\end{array}\right]\)| Some difficulty since i didn't know the | $29,0 \%$ | 71 |
| :--- | :--- | :--- |



Do you think that the students who explained the lessons demonstrated that they knew the proposed topic well?

| Answer Options | Response <br> Percent | Response <br> Count |
| :--- | :---: | :---: |
| yes | $\mathbf{7 5 , 1 \%}$ | 184 |
| no | $5,3 \%$ | 13 |
| sufficiently | $19,6 \%$ | 48 |
|  | answered question | $\mathbf{2 4 5}$ |
|  | skipped question | $\mathbf{0}$ |



Do you think that the experience proposed by students from various nationalities have contributed to help you understand that mathematics is a universal language?

| Answer Options | Response <br> Percent | Response <br> Count |
| :--- | :---: | :---: |
| yes | $69,4 \%$ | 170 |
| no | $7,3 \%$ | 18 |
| partly | $23,3 \%$ | 57 |
|  | answered question | 245 |
|  | skipped question | 0 |

Do you think that the experience proposed by students from various nationalities have contributed to helpyou understand that mathematics is a universal language?


Did participating in unconventional lessons motivate you to be more interested in some of the topics?

| Answer Options | Response <br> Percent | Response <br> Count |
| :--- | :---: | :---: |
| yes | $32,0 \%$ | 78 |
| no | $29,9 \%$ | 73 |
| partly | $38,1 \%$ | 93 |



Do you think that taking part in an Erasmus project can be an experience that contributes significantly to both professional and growth formation?

| Answer Options | Response <br> Percent | Response <br> Count |
| :--- | :---: | :---: |
| yes | $68,6 \%$ | 168 |
| no | $9,0 \%$ | 22 |
| don't know | $22,4 \%$ | 55 |
|  | answered question | 245 |
|  | skipped question | 0 |

Do you think that taking part in an Erasmus project can be an experience that contributes significantly to both professional and growth formation?


