

FUELING THE STEM CAREERS

Feel like a scientist, engineer, mathematics, biologist, IT

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1 ENGAGE

Find the problem in your community

Look around, take pictures, talk to people... and you will find it!



2 DISCUSS

Choose your focus

Brainstorming in the classroom and discuss with your students the topic they should work on.



3 CONNECT

Connect with stakeholders

Visits to research centers, factories, universities, industry companies to find partners.



5 DESSIMINATE

Disseminate the results of your work

Present your outcomes to colleague teachers, students, local community, other schools and stakeholders.



4 FIND SOLUTION

Using scientific methods (Inquiry Based Learning or Project Based Learning)

Use the experience of the partners to develop the method to solve the problem.

PLANNING AN INVESTIGATION

How to plan an investigation

What are the steps involved?

The case of the scurvy sailors

REFERENCES

<http://www.stemalliance.eu/>