



At first glance MysteriX® appears to be an ordinary truck, but once opened up it is turned into a 75 square metre nerve centre of an ultra secret organisation.

During 90 minutes the pupils of the first year secondary education become member of this ultra secret organisation. As secret agents they are carried away in the biggest challenge that exists, i.e. saving the world. A mysterious box that drifted ashore contains a dangerous virus that threatens the whole world. The clock is ticking, as the virus will escape in exactly an hour and a half. Unless of course the pupils manage to neutralise it...

During this investigation, the pupils perform a certain number of tasks in groups of 2 to 3 and experiments focussing on geography, language, biology, physics, and electricity. The whole programme is interactive: the self-motivation of the secret agents is stimulated and supported by a computer that steers each experiment into the right direction.

A session lasts about 2 periods and is suitable for 27 pupils and 2 supervisors.

MysteriX® fits in with the action plan Scientific Information and Innovation, an initiative of the Flemish Government. MysteriX® was realised by Technopolis, the Flemish Science Centre.

Keep your heads cool

Assignment 1: Gears

Help! The truck is overheating!

Attention: the mobile laboratory is heating too fast. You need to cool it off urgently, because otherwise you will not be able to complete it successfully. By means of gears you will be able to get a fan going. But how do you manage to make it work in an optimal way?

Assignment 2: Identification

Are there witnesses?

Track them down! Who has seen the box at the beach? There are several witnesses. In classifying the clues in a logical way, you will be able to track down the witnesses. Perhaps they know more?

Assignment 3: Music

Listen to the secret message....

An important conversation is covered up by a piece of music. Find out which instruments make the conversation unintelligible. In doing so you can fade out the buzzing and discover the message.

Assignment 4: Geography

Where has the box been?

At what other locations the box has it been? Where is the virus danger threatening? Based on photos of animals, vegetation and a geographic distinguishing mark you can determine the locations. But then you have to map the shortest route for your colleagues, the secret agents.

Assignment 5: Electricity

Activate the robots!

Four robots are spread over the earth. Where are they? How fast are they moving? You will find out if you manage to activate a broken down robot. The entire world population is counting on your knowledge of electricity.

Assignment 6: Food and health

Send your agents investigating!

You are not alone: other secret agents assist you on your assignment. They always have to be fit and at the ready. Design a food pyramid and prepare the ideal diet for them.

Assignment 7: Deciphering

Decipher the obscure characters!

Do the unknown inscriptions in the box contain valuable information? Decipher the strange characters by means of the foreign alphabet.

Assignment 8: Language

And now into the sea!

Pieces of the box are in the sea. Drive to the harbour and there go aboard a submarine, sail to the site and operate there a remote controlled robot equipped with a mini camera. Oh, yes by the way the navigation instructions are in French and English. No problem? On y va!

Assignment 9: Biology

Is the patient infected?

A little girl is lying in quarantine in the hospital. Is it already too late? Is she already infected with the virus? Her life is in your hands: type her blood group and examine all her organs.