

Fast as Lightning – Module on the Correct Behaviour in Case of Storms

Methodological and
didactic comments



Yaps
Raising
young people's
awareness on
preparedness and
self protection



The European
Commission provides
funding for the project.

Project Partners



Federal Office
of Civil Protection and
Disaster Assistance



AUSTRIAN RED CROSS



UNIVERSITATEA
BABEŞ-BOLYAI

Fast as Lightning – Module on the Correct Behaviour in Case of Storms

General Information

<p>What subjects is this module suitable for?</p>	<ul style="list-style-type: none"> • English, • General Knowledge, • Arts, • Cross-Disciplinary Subjects
<p>What age group is this module suitable for?</p>	<p>for the age group 7-12</p>
<p>What general skills are taught using this learning module?</p>	<ul style="list-style-type: none"> • Developing communication and reading skills • Analysing and assessing information, facts and situations • Working with texts and reading comprehension • Comprehensibly describing processes and experiences to others • Stimulating motor skills and creativity • Training speech and active listening • Stimulating oral expression • Training focusing skills
<p>What thematic skills are taught using this learning module?</p>	<ul style="list-style-type: none"> • Knowing the correct behaviour in the event of a storm • Differentiating between right and wrong actions to keep safe in a storm • Knowing the most important rules of behaviour during storms and their practical application • Knowing and describing the various types of storms

Context

When we're home lying on the couch while there's a storm and thunder outside, maybe we're thinking about Benjamin Franklin and his electric kite or about the hot cup of tea we are holding. We probably do not think about the voltage of 100 million volts or the current intensity of 20,000 amps that are generated by lightning.

But how do we protect ourselves from lightning and storm? The most handy solution seems to be seeking shelter, but is this really the best solution? How do experts differentiate between different types of storms? What damage can they cause, and what hazards are there during a storm?

With the help of the "Fast as Lightning" module pupils in the age group 7-12 are informed about the correct behaviour in the event of a storm.

Focusing on the world we live in, on taking action, the variety of methods and learning by discovery are the main didactic principles used. Thus, pupils deal independently and actively with the topic of storm by solving the tasks, reading the stories, looking at the images and playing the games. They acquire specialized knowledge, as well as social skills, decision making skills, methodical and media-related skills. Moreover, the drawings stimulate the imagination and creativity of pupils, as well as their motor skills through colouring and cutting out.

Methodological and didactic comments

The learning module consists of various tasks that address the question of appropriate behaviour during a storm.

Pupils learn to differentiate between different types of storms according to their strength and to properly assess the dangers associated with storm damage.

Depending on the pupils' level of knowledge and the time at hand, tasks can be solved both individually and collectively.

Thunder Maze

General competences conveyed

- Analysing and assessing information, facts and situations
- Stimulating motor skills and creativity
- Training speech and active listening
- Comprehensibly describing processes and experiences to others

To introduce the pupils to the topic, they read a story about Max and Flocke, who are caught in a storm during a stroll. With the help of a maze, pupils learn the right and wrong actions when protecting themselves from lightning, thunder and rain. This offers a starting point to discuss with the whole class or in small groups about the various actions presented and pupils' own behaviour in the event of a storm.

This is how you protect yourself in the event of a storm – Main rules



General competences conveyed

- Working with texts and understanding them
- Analysing and assessing information, facts and situations
- Stimulating motor skills and creativity

In this task, pupils are asked to cut out the cards, associate the texts with the appropriate images, and stick the pairs of cards to a new sheet of paper. Thus, pupils learn important rules of behaviour in the event of a storm through text and images. The task aims to deepen and strengthen their knowledge on the correct behaviour in the event of a storm. In addition, cutting out and matching the cards help train their motor skills and stimulate their creative skills. The task can be done individually, in pairs or in small groups.

Tip:

Alternatively, the teacher can increase the size of the cards as much as needed. These will then be associated with the texts and glued by all pupils. The resulting poster can then be placed in the classroom or in the school.

Are you a storm expert?



General competences conveyed

- Working with texts and understanding them
- Analysing and evaluating information, facts and situations
- Evaluating images and recognizing essential details
- Stimulating oral expression

In this task, pupils learn through text and images the different features of storms with varying intensities. Pupils are asked to fill in the blank boxes next to the images with the proper description of the image. In doing so, they learn that storms present various hazards, depending on the speed of the wind, and they find out what damage storms can cause.

Based on this task, pupils learn to correctly recognize the dangers that are caused by storms of varying degrees of intensity. They practice the assessment of complex images and train their oral expression by describing the images. This task can be carried out individually, or in pairs. The answers are then compared in class.

Flocke's safety memory

This is a fixed module to be found in some teaching units. Twelve cards are available for this task. Pupils visualise once again important rules of behaviour for each topic discussed. What's more, the exercise allows students to reflect while playing and strengthen their knowledge on the Correct Behaviour in Case of Storms. The ability to focus and memorise is also stimulated.

The safety memory game can be played at school or with the family, which encourages talks about the topic at home, as well.



Auxiliary learning modules

The following teaching units offer more in-depth thematic knowledge:

- Fire – Module on Fire Safety Education
- Bless you! – Module on the Topic of Influenza and Viruses
- Knife, Fork, Scissors, Light – Module on Household Risks
- Helpfulness – module on the correct behavior in an emergency
- Safety First – Module on the Topic of Safe Ways to School
- Fast as Lightning – Module on Storms
- Completely Soaked – Module on the Topic of Floods and Landslides
- Highly Dangerous – Module on Drought and Forest Fires
- Quaking – Module on the Topic of Earthquakes
- Supportive – Social Engagement in a Community
- A Matter of Honour – Module on Volunteering