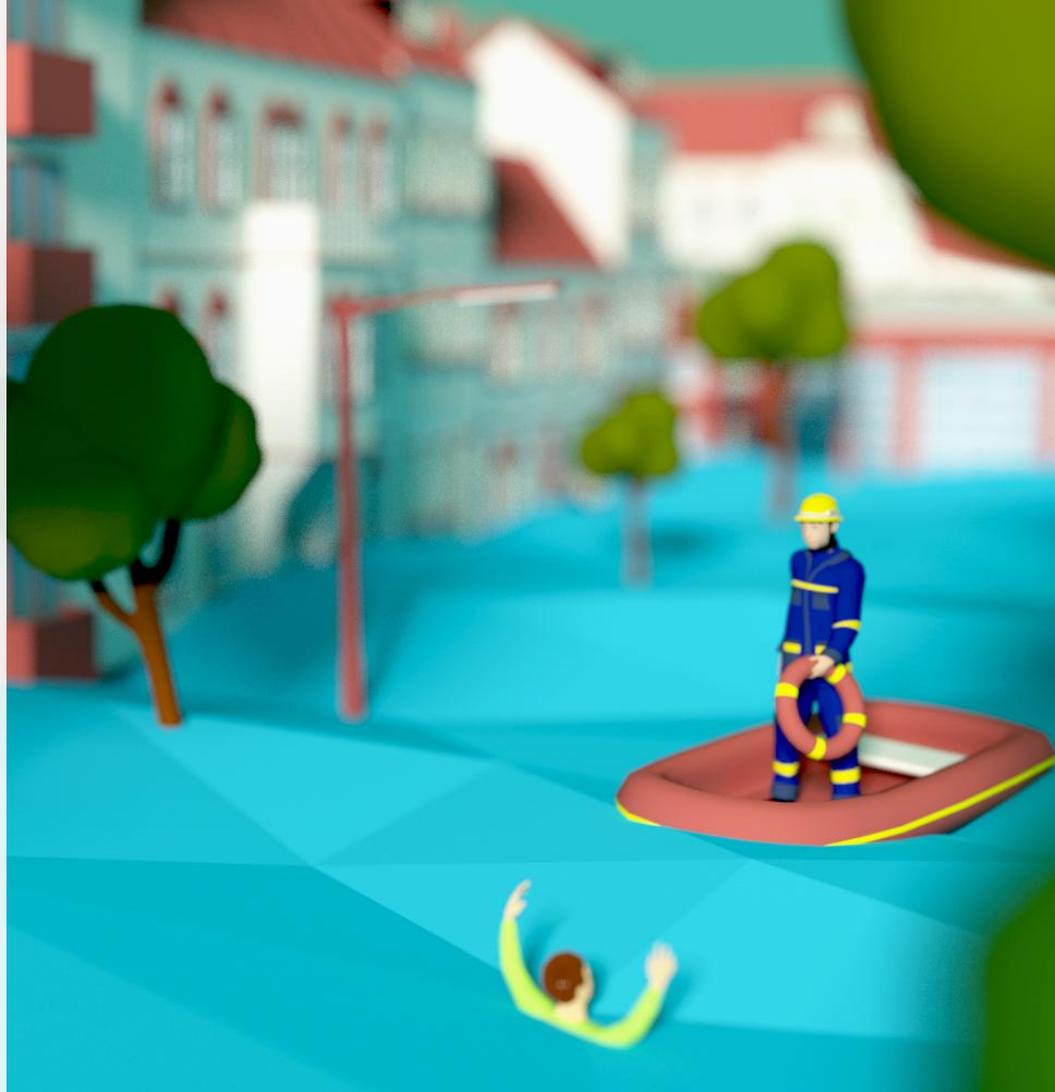# RESCUE
TACTICS

An educational video game about floods

Overview

Rescue Tactics is an **educational computer game** that teaches school students about the causes, dangers and effects of **floods.**

Content:

- A fully turnable model of the earth to learn about the occurance of floods
- A knowledge quiz that teaches early signs, causes and effects of floods as well as the appropriate behavior during floods
- Four levels featuring an exciting turn-based puzzle mechanic in which the player must think ahead to navigate through a city that is threatened by a flood

Classroom Usage

Topic | Natural disasters (spec.: Floods)
Target group | school classes 7 to 9 (Gesamt, Haupt- & Realschule)
Platform | PC & Mac, **Type** | Singleplayer
**Languages** | English, German

Installation | Copy *Rescue Tactics* folder to computer. Double-click *ForceOfNature.exe* inside *Rescue Tactics* folder. Game requires keyboard & mouse.
Didactic usage | The game is recommended as introduction to the topic of floods, peak interest through an interactive medium or to enhance further discussion about the subject

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How To Play

- The students start on the **worldmap**. They have to turn a **globe** around with the mouse to find colored **"markers"** that appear on the surface of the globe. They indicate that a **flood is approaching**.

- The students click on a marker and open up the **knowledge quiz**. It is told by a **character** who lives in that region and has made an unsettling observation.

- The **character** in the game is a young, professional rescue worker from the german **THW** (Technisches Hilfwerk / Civil Protection Organization)
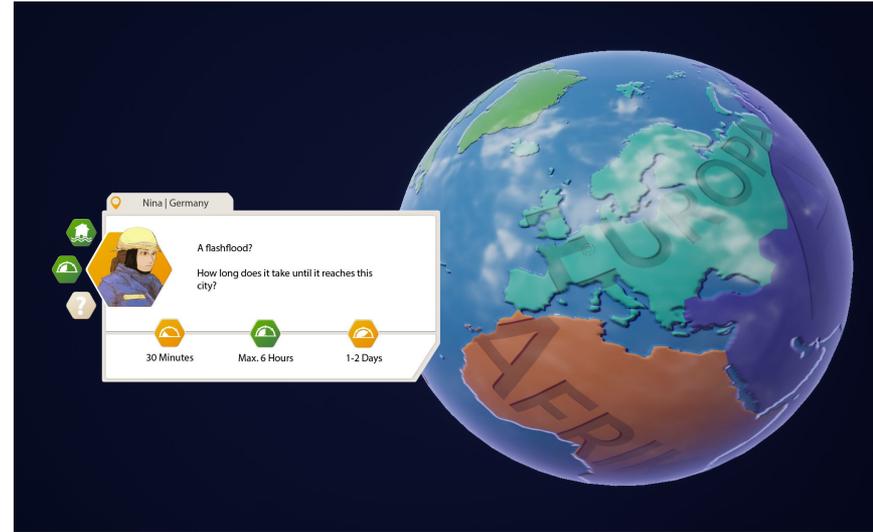
Window 1:

The character makes an **observation** in their surroundings.
The student has to decide what this observation is an indicator of.

Nina | Germany

It's raining extremely heavy since a couple of hours. And now the river looks all muddy.

What could happen?

Flashflood   Tsunami   Earthquake

Window 2:

The character wants to know some **scientific detail** about the disaster.
The student has to use his knowledge about the disaster.

Nina | Germany

A flashflood?

How long does it take until it reaches this city?

30 Minutes   6 Hours   1-2 Days

Window 3:

The character wants to know how the appropriate **safety behavior.**
The student has to think about effects on humans.

Nina | Germany

Less than 6 hours left!

As a citizen: What is the best thing to do in case of a flashflood?

Get into a basement   Get onto a high building   Stand beneath a doorframe

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How To Play

- After the students answered all questions correctly the **level unlocks** and can be played as a **reward**. *Moving the character: By clicking, holding and dragging with the mouse into the direction of movement.*
- The character has to make it to the **exit point of every level alive** and avoid **enemies** like broken electric boxes and flooded tiles
- **Turn-based puzzle mechanic**: Every turn the likelihood of the flood in the level rises. The student has to observe the **water level scale** closely.
- **Level 4:** The players have to rescue a citizen from the flood
- **The game is won** if all 4 levels are passed