

Activity: Oracle-Cops

Instructions and Task

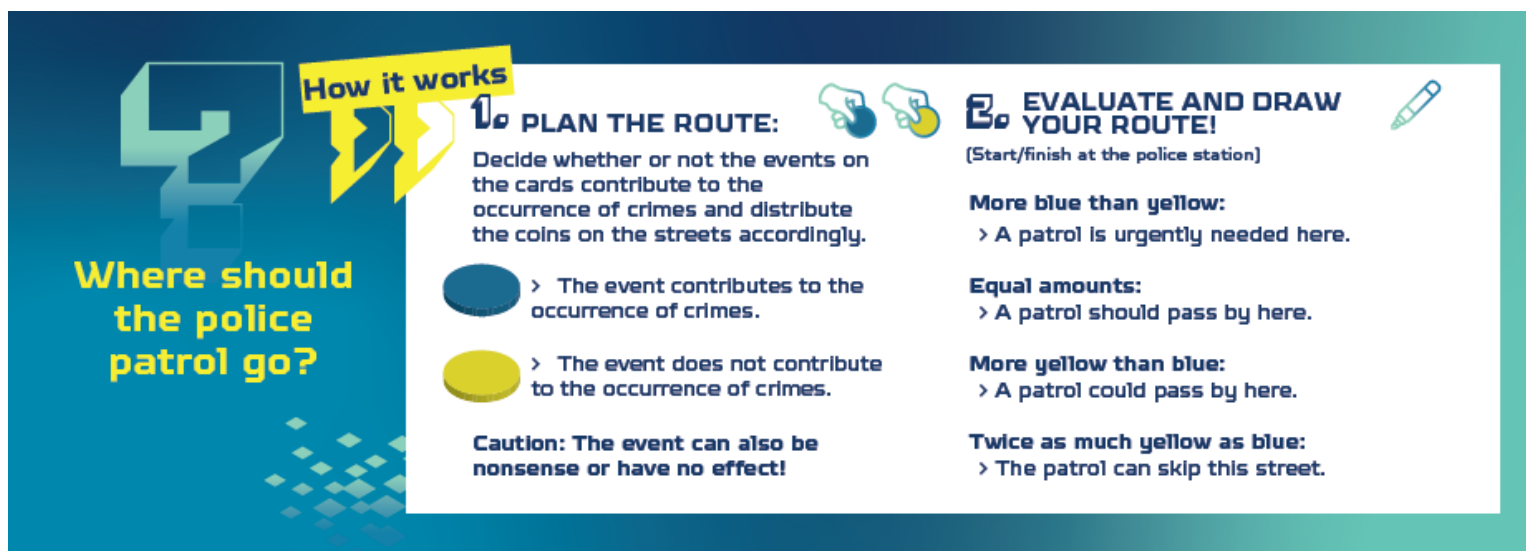
The US company Geolitica developed an AI system for predicting crimes in the United States based on scientific insights (Keyword: Predictive Policing). The game Oracle-Cops simulates how this AI system works.

In this activity, students work in pairs or small groups. Each group receives a set of event cards, chips/coins in two colours, and a city map. According to the task, the students discuss all the event cards, evaluate them, and distribute coloured chips on the city map. After processing all the event cards, the coins are counted, and the route of the police patrol is determined.

The distribution of coins on the locations and the final route of the police patrol is likely to vary slightly among the groups because the assessment of the events is based on subjective judgment. The results of each group can be documented after the game and discussed in the plenary session. This process makes students aware that even seemingly objective AI systems make decisions based on data created based on subjective decisions of people. Students now seek further contexts in which this can be problematic and where bias plays an important role.

Print the event cards and the city map in the appropriate quantity, cut out the event cards. In addition, you need coins or tokens in two different colours, as well as a pen for drawing their route.

Student task as printing template:





Where should the police patrol go?

How it works

1. PLAN THE ROUTE:

Decide whether or not the events on the cards contribute to the occurrence of crimes and distribute the coins on the streets accordingly.

-  > The event contributes to the occurrence of crimes.
-  > The event does not contribute to the occurrence of crimes.

Caution: The event can also be nonsense or have no effect!

2. EVALUATE AND DRAW YOUR ROUTE!

(Start/finish at the police station)

More blue than yellow:

- > A patrol is urgently needed here.

Equal amounts:

- > A patrol should pass by here.

More yellow than blue:

- > A patrol could pass by here.

Twice as much yellow as blue:

- > The patrol can skip this street.

Many teenagers in this street are addicted to **first person shooter games**.



The cinema here mainly shows movies that **glorify violence**.



A **Nobel Peace Prize laureate** lives in this street.



The **rents** in this street are **very affordable**.



The **rents** in this street are **very affordable**.



The **rents** in this street are **very affordable**.



There are many **old, run-down buildings**.



There are many **old, run-down buildings**.



In this area **rents** are **constantly increasing**.



In this area **rents** are **constantly increasing**.



There are **a lot of flowers blooming** in this street.



This street has a **playground, a shopping centre and a fitness centre**.



This street has a **playground**, a **shopping centre** and a **fitness centre**.



Many teenagers from this street frequently **skip school**.



Many teenagers from this street frequently **skip school**.



Many teenagers from this street frequently **skip school**.



There is a very **high unemployment rate** in this street.



There is a very **high unemployment rate** in this street.



There is a very **high unemployment rate** in this street.



This street is **well-lit**.



This street is **well-lit**.



This street is **well-lit**.



There are many **new, high-quality houses** in this street.



There are many **new, high-quality houses** in this street.



There are many **new, high-quality houses** in this street.



This street has a very **high building density**.



This street has a very **high building density**.



Public places in this street are **easily visible**.



Public places in this street are **easily visible**.



Public places in this street are **easily visible**.



There are **no obscure niches** in this street.



There are **no obscure niches** in this street.



Alcohol and drug abuse is very common in this street.



Alcohol and drug abuse is very common in this street.



Alcohol and drug abuse is very common in this street.



This street has a **very bad reputation**.



This street has
a **very bad**
reputation.



In this street,
there are both
residential
buildings and
shops.



In this street,
there are both
residential
buildings and
shops.



In this street,
there are both
residential
buildings and
shops.



There are **hardly any**
leisure activities
available in this area.



There are **hardly any**
leisure activities
available in this area.



There are **hardly any**
leisure activities
available in this area.



This street
has a **very**
good
reputation.



This street
has a **very**
good
reputation.



