

Walking Behaviour in Münster

Thanks for participating.

This study is conducted by Gabriele Filomena and Lia Kirsh (Institute of Geoinformatics, University of Münster) as part of a research project aimed at understanding peoples' preferences when navigating through urban spaces by foot. The city of Münster (Germany) is used as a case study.

Please keep in mind that there are no right or wrong answers.

The questionnaire is structured in different sections but you are free to leave the questionnaire at any time. You can also start it and complete it at a later time.

If you have questions or doubts about your participation you can write to gabriele.filomena@uni-muenster.de or l_kirs07@uni-muenster.de

There are 104 questions in this survey.

Section 1

In this section, you will be asked about your walking behaviour in the city. Think about walking trips at least 200 meters long (approximately) and that are not aimed at reaching your private vehicle.

This study does not refer to your behaviour as a consequence of the covid-19 emergency. If possible, try to think about your habits and behaviour in a non-pandemic scenario.

On how many days per week do you go for a walk in Münster? *

Please write your answer here:

How often do you walk in Münster for the following reasons?

If one or more activities do not apply to you (e.g. *Commuting to/from work*, but you do not work), just choose *never*.

*

Please choose the appropriate response for each item:

	never	seldomly	sometimes	often	always
Commuting to/from work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Commuting to/from school/college/university	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For social activities (e.g. meeting friends, associations' meetings, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For exercise or free-time activities (e.g. walking around a park, clearing up your mind, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For other daily errands and commitments (e.g. groceries, public offices, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For reaching public transportation facilities (e.g. railway station, bus stops)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How often do you use the GPS function of your mobile phone or other navigational devices (including paper maps) in the following situations? *

Please choose the appropriate response for each item:

	never	seldomly	sometimes	often	always
When thinking on how to reach a certain destination by foot, before walking, in Münster	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
While walking towards a certain destination by foot, in Münster	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How strongly do you agree or disagree with the following statements?

(Your hometown can be different from Münster)

*

Please choose the appropriate response for each item:

	strongly disagree	disagree	neither agree nor disagree	agree	strongly agree
I am good at remembering how to get somewhere and I don't have trouble finding the way back.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My "sense of direction" is very good.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In my hometown, I can point accurately towards prominent buildings and other points of interest.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can picture my hometown very well from a bird's-eye view, as if it were shown on a map.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Video 1

In this task you are asked to formulate a route between Schillerbrücke and the "Cinema Kurbelkiste/Café Garbo" by choosing amongst different alternatives at certain street junctions.

At your starting point, you will be asked to pick a street you'd like to take from there. Your choice will be followed by a video that simulates your walking experience across the streets. The video wil end at a certain decision point from where you will be asked to decide how to continue; other video(s) will follow leading you till the final destination.

Videos are played a little faster or partly recorded by bike to save you some time.

Are you familiar with the following two locations, the Schillerbrücke and Cinema Kurbelkiste?

Starting point: Schillerbrücke

End point: Cinema Kurbelkiste



*

Please choose **only one** of the following:

- ☐ Yes
- ☐ No

Have a look at this initial view and choose how to start your walking trip.



❗ Choose one of the following answers

Please choose **only one** of the following:

- ☐ Go straight down the bridge
- ☐ Turn right, down the ramp, and take the following street

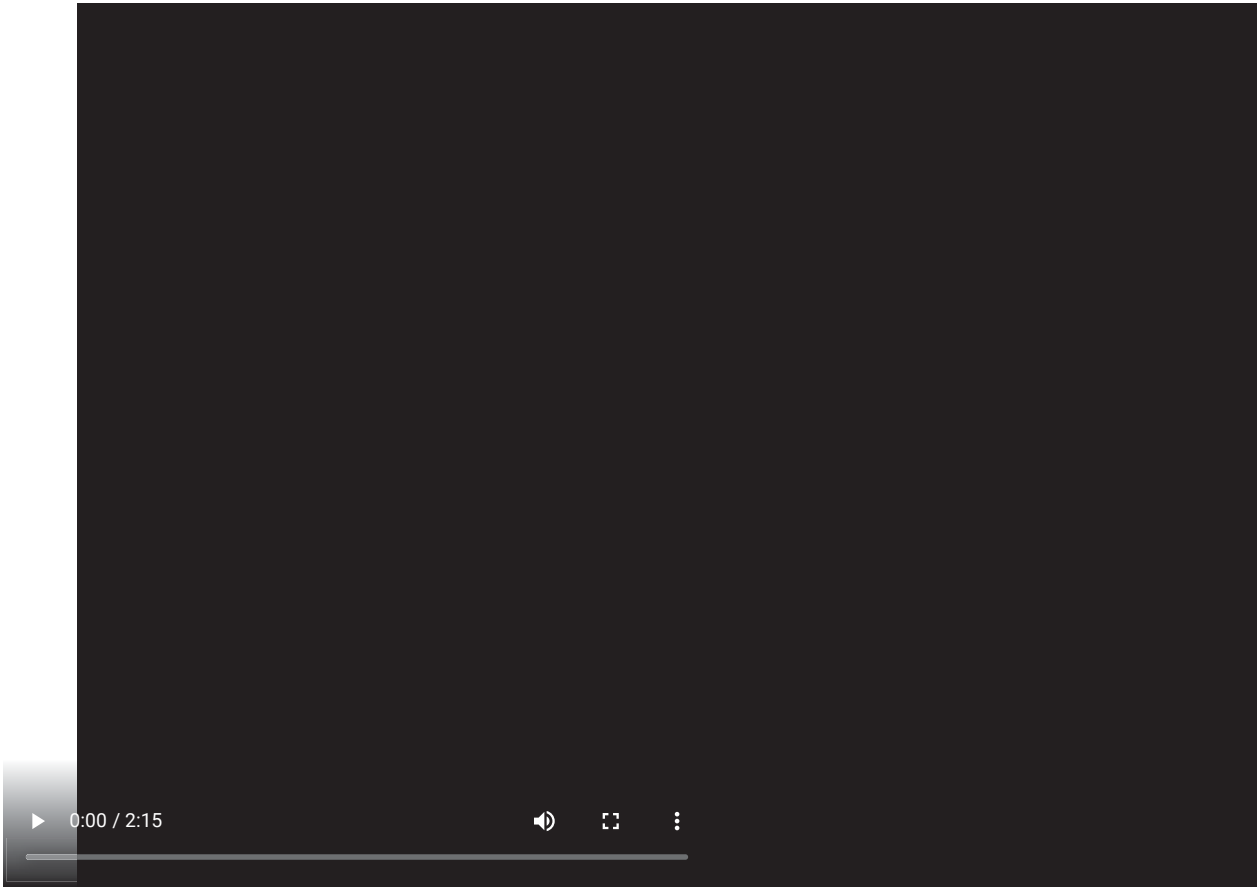
Navigate through the scene (press play below) and afterwards choose how to continue.



❗ Choose one of the following answers
Please choose **only one** of the following:

- ☐ Go straight
- ☐ Turn right

At the end of this video you will have reached the destination.

[illegible]

Video 2

In this task you are asked to formulate a route between Hauptbahnhof and Heilig-Kreuz-Kirche by choosing amongst different alternatives at certain street junctions.

The procedure is the same as the previous task.

Are you familiar with the following two locations, Hauptbahnhof and Heilig-Kreuz Kirche?

Starting point: Hauptbahnhof

End point: Heilig-Kreuz Kirche

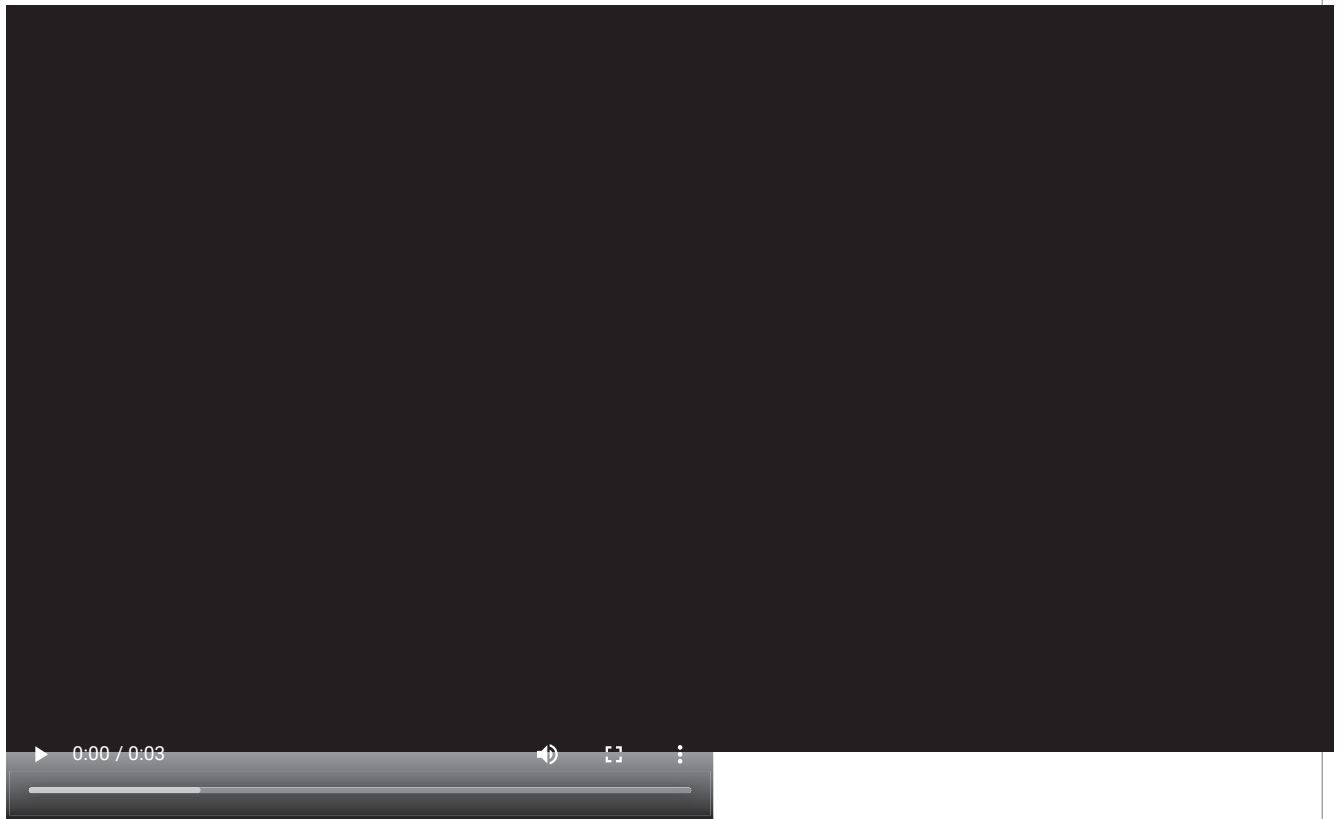


*

Please choose **only one** of the following:

- ☐ Yes
☐ No

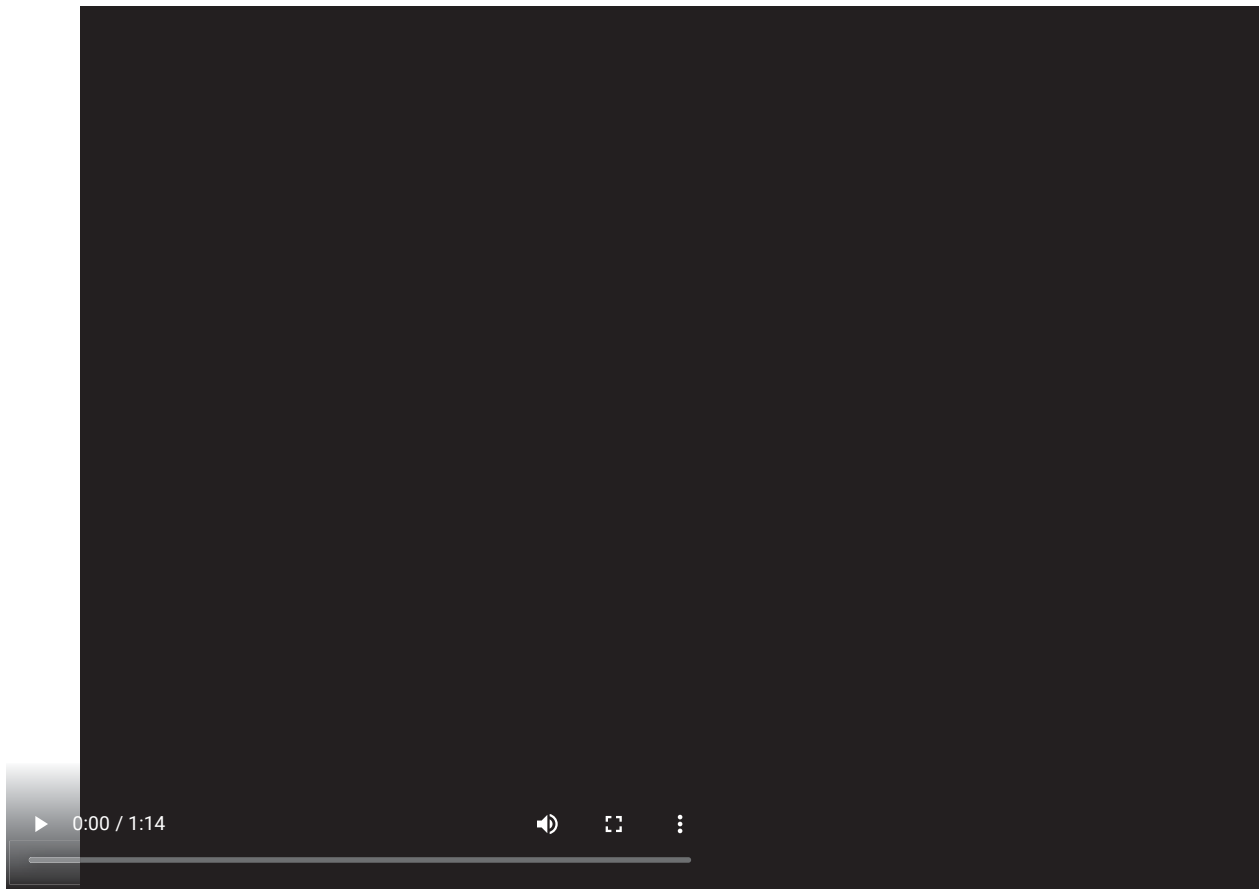
Have a look at this initial view and choose how to start your walking trip.



❗ Choose one of the following answers
Please choose **only one** of the following:

- ☐ Go straight
- ☐ Turn right

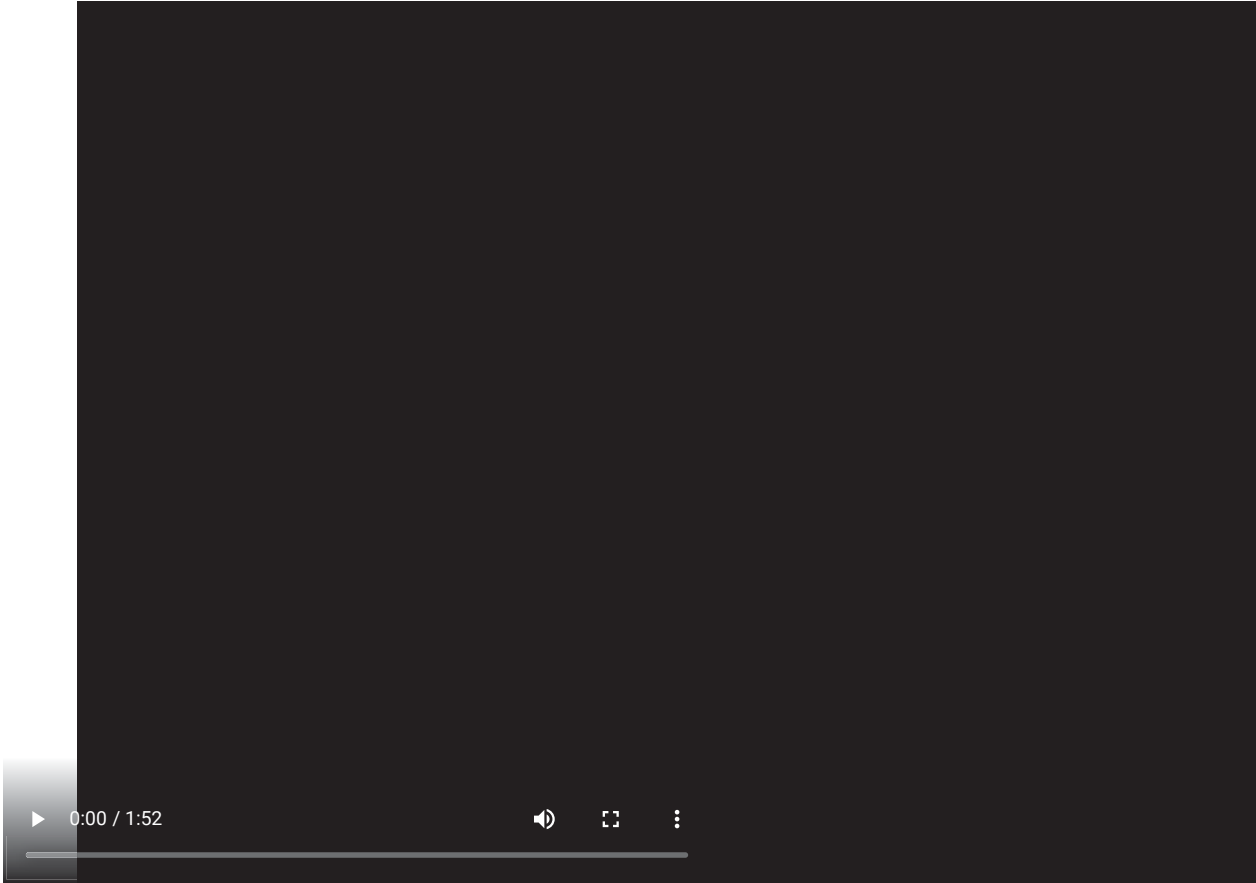
Navigate through the scene (press play below) and afterwards choose how to continue.



❗ Choose one of the following answers
Please choose **only one** of the following:

- ☐ Go straight
- ☐ Turn right

At the end of this video you will have reached the destination.



Please choose the appropriate response for each item:

[illegible]

Video 3

In this task you are asked to formulate a route between Aaseestadt and Aegidiimarkt by choosing amongst different alternatives at certain street junctions.

The procedure is the same as the previous task.

Are you familiar with the following two locations, Aaseestadt and Aegidiimarkt?

Starting point: Aaseestadt

End point: Aegidiimarkt

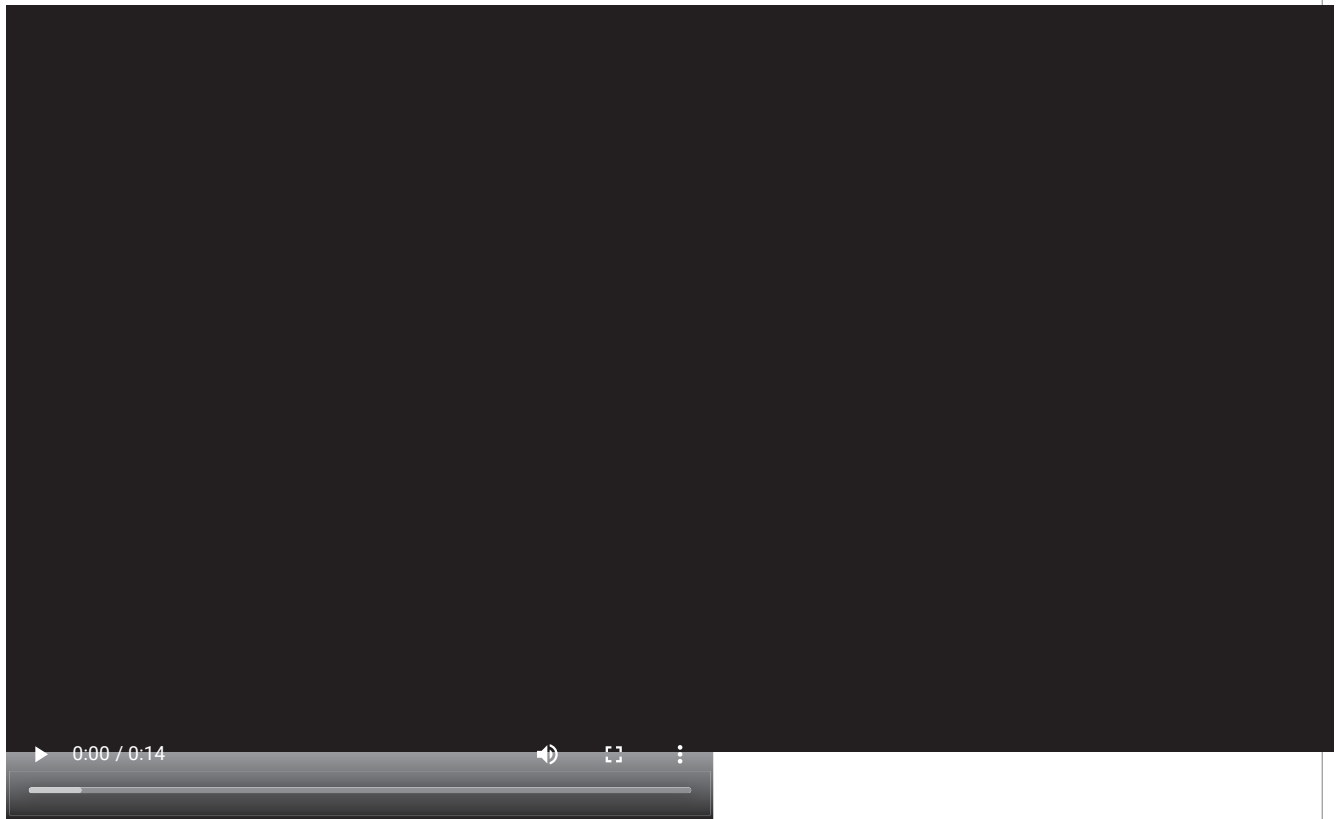


*

Please choose **only one** of the following:

- ☐ Yes
- ☐ No

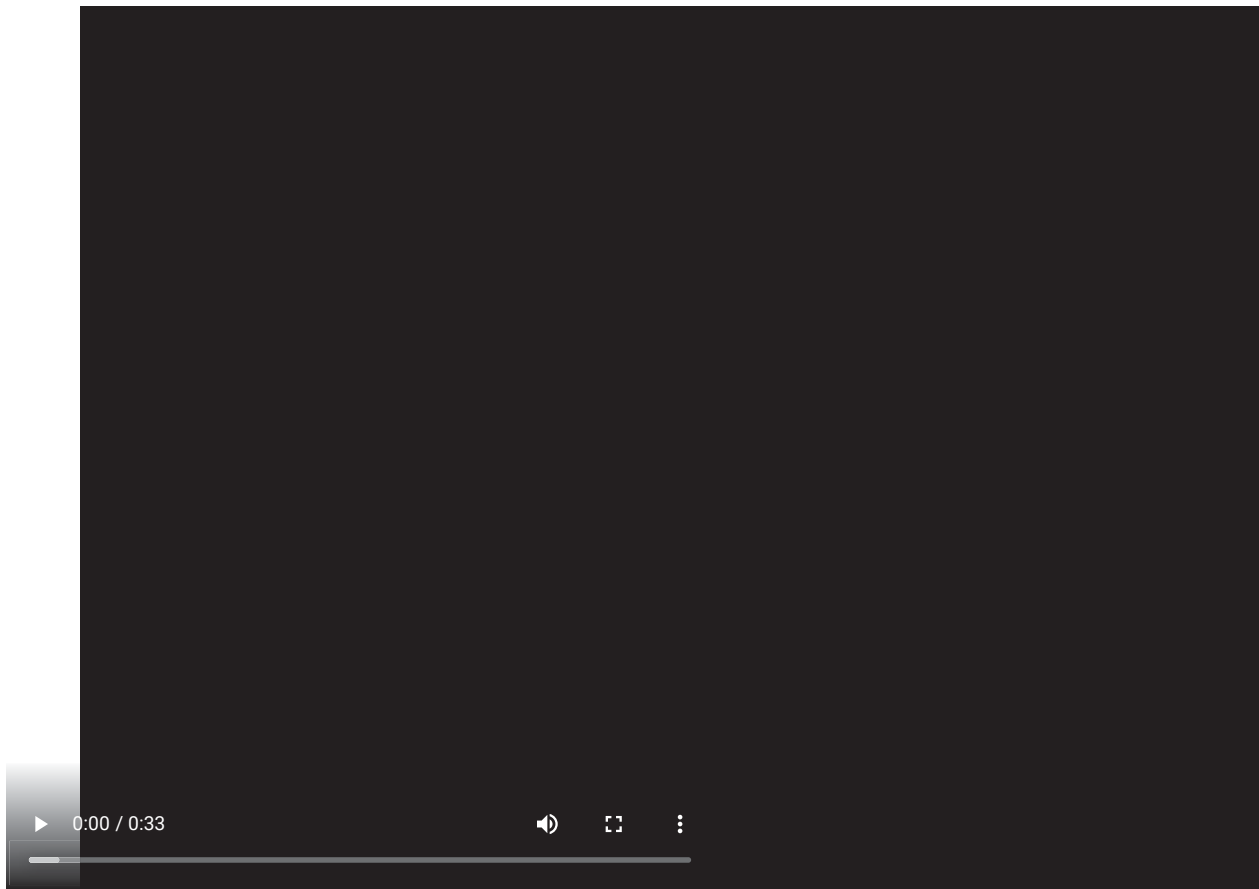
Have a look at this initial view and choose how to start your walking trip.



❗ Choose one of the following answers
Please choose **only one** of the following:

- ☐ Turn left (towards Edeka)
- ☐ Turn right (towards Aasee)

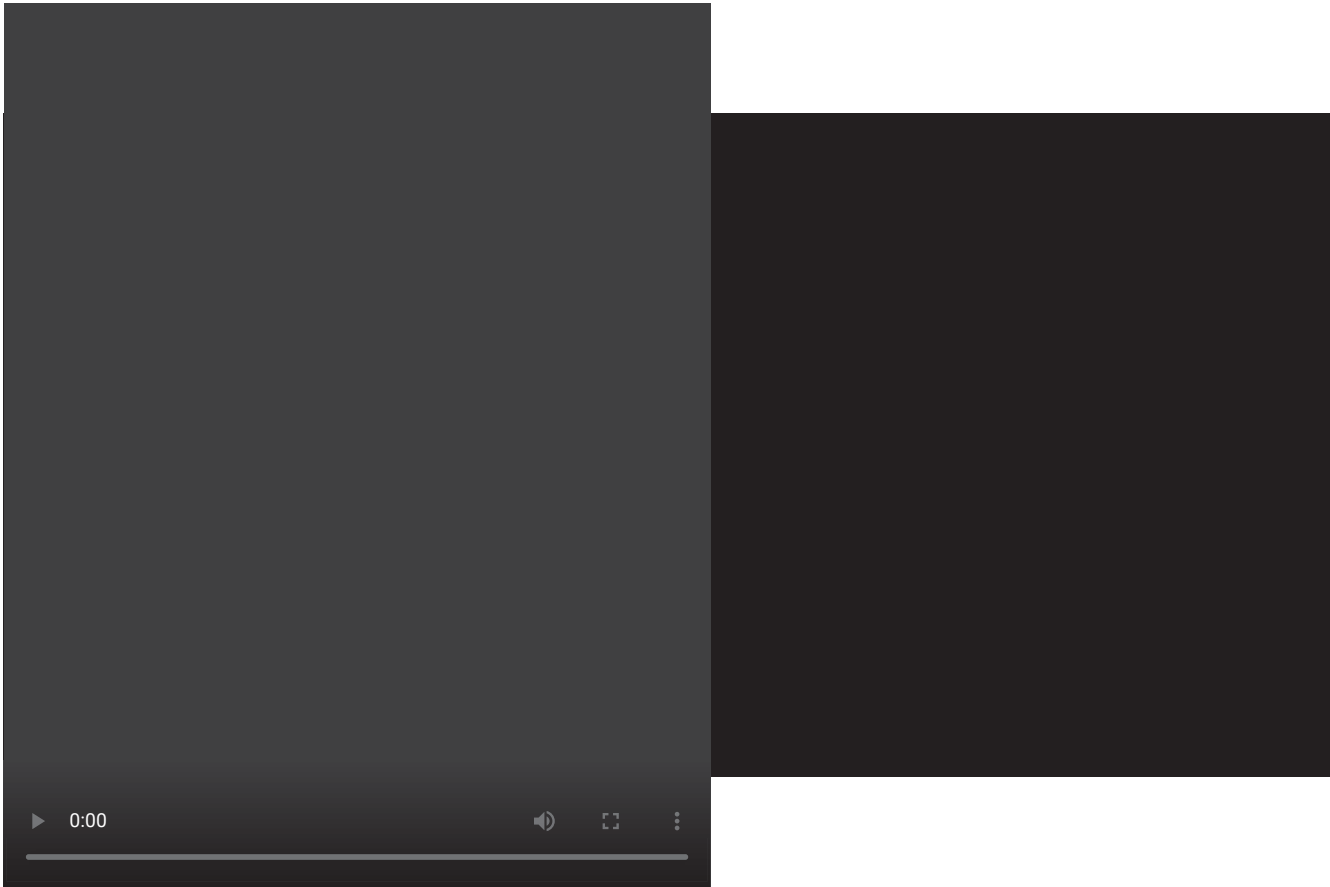
Navigate through the scene (press play below) and afterwards choose how to continue.



! Choose one of the following answers
Please choose **only one** of the following:

- ☐ Cross the street and continue left
- ☐ Turn right

At the end of this video you will have reached the destination.



*

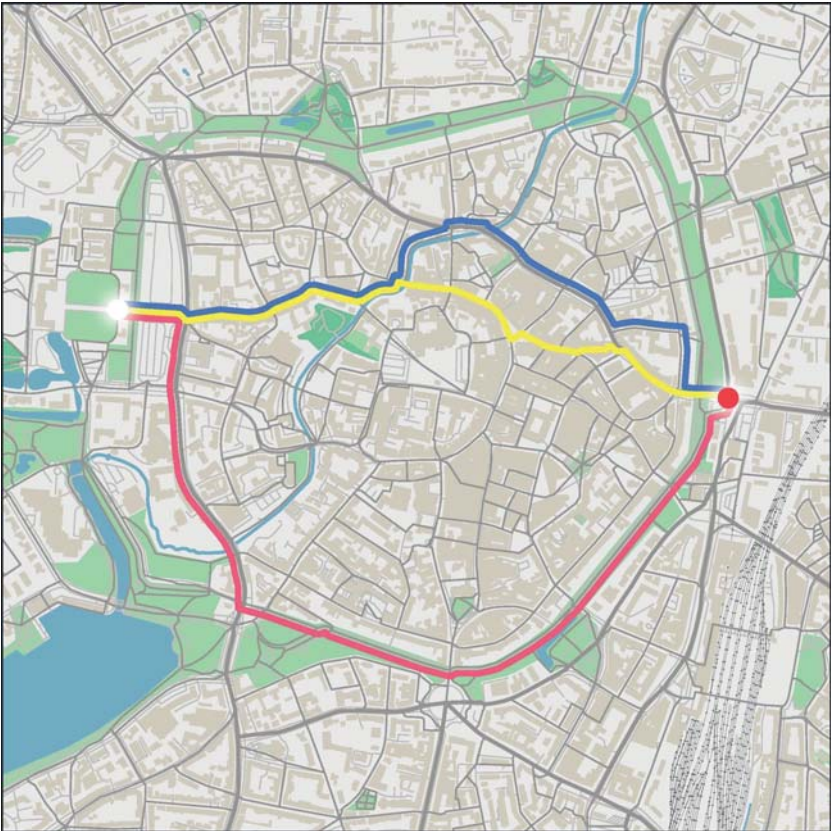
Please choose the appropriate response for each item:

	very low mental effort	low mental effort	rather low mental effort	neither low or high mental effort	rather high mental effort	high mental effort	very high mental effort
How much mental effort did you put into completing this video task?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Section 5

In this section, we will ask you some questions about your walking behaviour preferences.

On the map below, three different routes between Eisenbahnstraße (red marker) and Schlossplatz (white marker) are depicted. Which of the three routes is approximately the most similar to the one you would take by foot between these two locations?

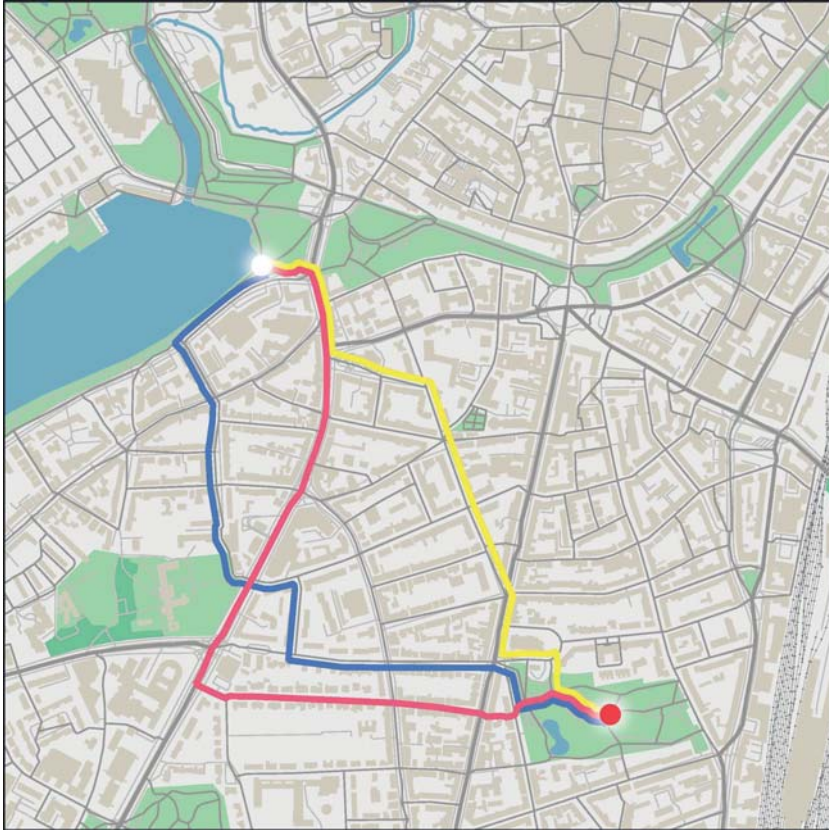


*

i Choose one of the following answers
Please choose **only one** of the following:

- ☐ Red route
- ☐ Blue route
- ☐ Yellow route

On the map below, three different routes between Südpark (red marker) and the Aaseekugeln (white marker) are depicted. Which of the three routes is approximately the most similar to the one you would take by foot between these two locations?

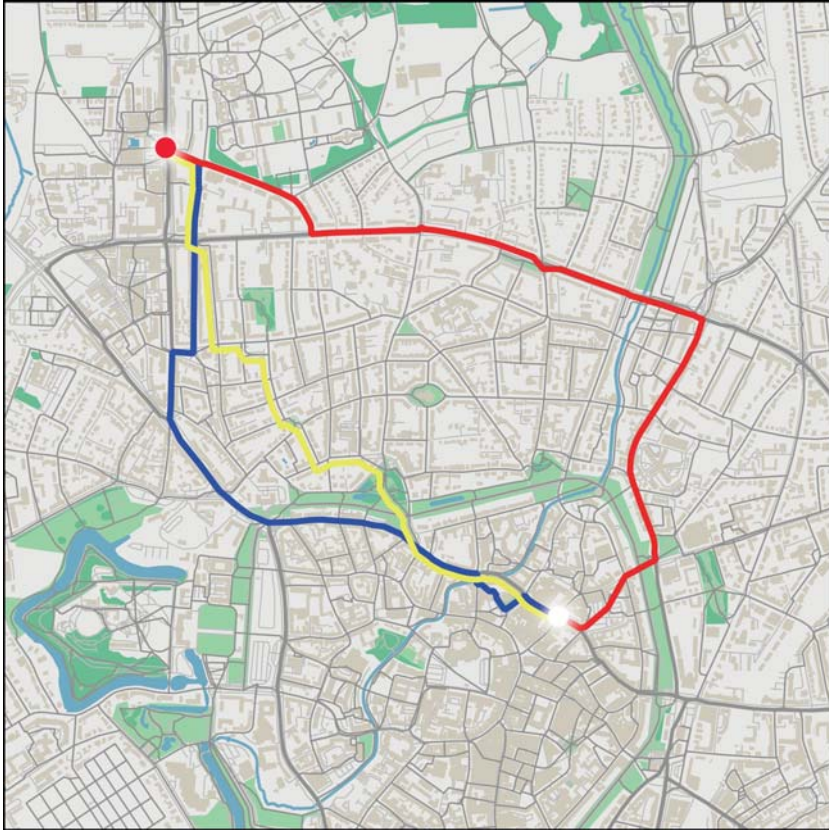


*

❗ Choose one of the following answers
Please choose **only one** of the following:

- ☐ Red route
- ☐ Blue route
- ☐ Yellow route

On the map below, three different routes between Germania Campus (red marker) and Bült (white marker) are depicted. Which of the three routes is approximately the most similar to the one you would take by foot between these two locations?



*

❗ Choose one of the following answers
Please choose **only one** of the following:

- ☐ Red route
- ☐ Blue route
- ☐ Yellow route

How important are the following properties of a route if you have to reach a certain place by foot?

*

Please choose the appropriate response for each item:

	not important	slightly important	important	fairly important	very important
The route traverses or extends along green areas (e.g. parks, gardens, forests)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The route extends along water bodies (e.g. rivers, lakes)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The route does not cross or go along major roads, such as motorways, national road, multi-lane roads	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The route features streets with wide sidewalks or at exclusive pedestrian use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The route crosses safe areas (e.g. good lighting, presence of other people, the area is known)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The route allows experiencing nice scenic views (e.g. natural landscape, buildings of historical and architectural interest)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The route crosses interesting or lively districts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Section 6

In this section, we collect basic demographic information. We will aggregate this information with other participants' data. We will not be able to identify you as an individual.

How would you describe your gender? *

❗ Choose one of the following answers

Please choose **only one** of the following:

- ☐ Male
- ☐ Female
- ☐ Non-binary
- ☐ I prefer not to say

How old are you?

❗ Only numbers may be entered in this field.

Please write your answer here:

years

Which of the following categories apply to you? *

❗ Check all that apply

Please choose **all** that apply:

- ☐ I am a tourist
- ☐ I work or I used to work in Münster
- ☐ I live or used to live in Münster
- ☐ I study or used to study in Münster
- ☐ I am an occasional visitor (i.e. meeting friends, going shopping, visiting family members etc.)

How long have you lived in Münster (express in months or years)?

❗ Only numbers may be entered in these fields.

Please write your answer(s) here:

months

years

If you live in Münster, what is the name of the district you are living in?

Only answer this question if the following conditions are met:

Answer was at question '101 [PD3]' (Which of the following categories apply to you?)

❗ Choose one of the following answers

Please choose **only one** of the following:

- ☐ Aaseestadt
- ☐ Aegidii
- ☐ Albachten
- ☐ Angelmodde
- ☐ Amelsbüren
- ☐ Bahnhof
- ☐ Berg-Fidel
- ☐ Buddenturm
- ☐ Coerde
- ☐ Dom
- ☐ Düsberg
- ☐ Geist
- ☐ Gelmer
- ☐ Gievenbeck
- ☐ Gremmendorf
- ☐ Häger
- ☐ Hafen
- ☐ Handorf
- ☐ Hansaplatz
- ☐ Herz-Jesu
- ☐ Hilstrup
- ☐ Josef
- ☐ Kinderhaus
- ☐ Kreuz
- ☐ Mauritz-Mitte
- ☐ Mauritz-West
- ☐ Martini
- ☐ Mecklenbeck
- ☐ Neutor
- ☐ Nienberge
- ☐ Pluggendorf
- ☐ Roxel
- ☐ Rumphorst
- ☐ Schlachthof
- ☐ Schloss
- ☐ Schützenhof
- ☐ Sentrup
- ☐ Sprakel
- ☐ St. Mauritz
- ☐ Übrewasser
- ☐ Uppenberg
- ☐ Wolbeck

Section 7

Thank you for participating in the questionnaire.

If you want to receive 10 € for your participation, please email this code with your bank details (IBAN) to **

Do not forget to submit your questionnaire!

{rand(17900, 47650)}

The code is not associated with your responses; it is just a proof of completion of the questionnaire.

Thank you for participating in this survey. If you want to obtain more information about the study please contact **

23.03.2021 – 15:28

Submit your survey.

Thank you for completing this survey.