## A new apartment - Can I afford it?

You are moving to another city, and you are looking for a new apartment? But how can you find an apartment that really meets your personal needs and fits into your financial means?

Asking friends? Browsing advertisements in newspapers? Searching on the internet?
How can you identify the total costs of an apartment to avoid unpleasant surprises later on?
If you are you sharing the apartment with someone, what is the fairest way to split the expenses?
As the rental costs are getting higher and higher, maybe you can identify a savings potential in your monthly expenses...

## Overview "A new apartment - Can I afford it?"



Target group (incl. necessary prior skills and competences)

Adult learners with basic arithmetic skills and basic skills in internet research

X2

## Outcomes and results

The learners are able to determine their actual housing needs and relate them to their financial possibilities in order to make informed decisions.

Cognitive processes
Managing situations Analysing situations Processing Reasoning Mathematising Problem solving Critical thinking


## Main information

| Content | Basic arithmetic operations (addition, multiplication, <br> division) <br> Area measurements <br> Estimations, comparisons <br> Internet research |
| :--- | :--- |
| Target group | Adult learners with basic arithmetic skills and basic <br> digital skills being interested in the topic of apartment <br> search and rental costs |
| Learning intention | What is the intention of adults to face this problem? <br> $-\quad$ Numeracy for personal and private purposes <br> $-\quad$ Numeracy to understand society |
| Duration | Approx. 4 lessons (or more) |
| Material and resources | Websites, apps, worksheets, newspapers |
| Group size | Up to 10 learners |
| Problem statement | Apartment rent, utilities (water, electricity, gas, waste <br> pickup, ...), insurances - everything is getting more and <br> more expensive. <br> What should I do if I am looking for a new apartment? <br> How can । find a suitable and affordable housing <br> situation? |
| Working questions | How can I find an apartment? <br> How big should the apartment be to meet my needs? <br> What other important criteria are there for the right <br> choice of an apartment? <br> How can I find out the total monthly cost of the <br> apartment (including rent, utilities, insurances, internet, |
| Learning outcomes and results |  |
| Reference |  |
| Qualification Frame |  |

## Working plan

| Time (minutes) | Description of content/activities | Material | Methodical and didactic information ${ }^{1}$ |
| :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { ज } \\ & 3 \\ & 3 . \\ & + \\ & + \end{aligned}$ | Activation <br> Discussion guided by the trainer (eventually in small groups): <br> - What kind of apartment do you need (square meters, number of rooms, location, reachability by public transport, ...) ? <br> - How much of your monthly income can you spend on housing? <br> - What possibilities are there to find an apartment? <br> If the learners have worked in small groups - presentation of the results and comparison. |  | HITs <br> Questioning <br> Feedback |
| $\begin{aligned} & \text { g} \\ & 3 \\ & 3 . \\ & \text { 3} \\ & + \end{aligned}$ | Research <br> The learners work in pairs or small groups: <br> Having identified their needs, the learners are guided by the teacher to search an apartment according to their needs. <br> Therefore, they search on the internet, they need to select the right filters for the location of the apartment, the square meters, the number of rooms, or the price. <br> Optionally, the research can also be done using newspaper ads. | Websites for real estate search (Appendix 1) <br> Rental advertisements from newspapers | HITs <br> Collaborative learning <br> Differentiated teaching |

[^0]|  | Calculating costs <br> The learners identify the additional <br> costs (utilities, heating, security <br> deposit, agency fee, ...) <br> They identify the total monthly cost <br> of the apartment and compare with <br> average costs. <br> They calculate the cost or the <br> apartment per person (equal split or <br> proportional split according to the <br> size of their rooms). | Worksheets, <br> Websites | HITs |
| :--- | :--- | :--- | :--- |
| (Appendix 3) | Collaborative <br> learning |  |  |
| (Appendix2) | Hands <br> learning |  |  |
| The learners discuss different their |  |  |  |
| approaches. |  |  |  |$\quad$| on |
| :--- |

## Suggestions for the teacher

The example presented here should be considered as exemplary and inspirational material presenting a guideline with a high range of possibilities of adapting those suggestions to a specific group of learners or an individual learner with his or her very personal requirements.

In concrete terms, the example (A new apartment - Can I afford it) could be adapted these ways:

- Duration: The duration of this example can vary significantly depending on the learners' interest. Plan enough time for the activation, the learners should have the opportunity to become aware of their needs and exchange their ideas afterwards.
- Individualization: For learners who are not familiar with internet research, the teachers can also use apartment advertisements from newspapers.
- Further or additional material: This example can be extended in different ways:
- Analysing statistics about prices per square meter in different areas
- Finding and comparing insurances for an apartment
- Understanding rental contracts
- Using budget planners or budget books to track all the expenses and incomes for a period.
- Learning setting: Talking about money and their own financial situation might be a sensitive topic for some learners. It is important that the learners are not put in an embarrassing situation. This example is predestined for work in pairs or in small groups. In the activation phase, learners with similar needs can be identified. They can work together for the further exercises.

Our educational activities aim at numeracy skills being not only memorized, but first of all being practiced and functionally used by the learners in daily life or/and vocational situations. It is therefore recommended to implement the idea of HITS² (higher impacts of teaching skills) as far and often as possible: ...

- ... work with concrete and authentic material that learners will recognize from everyday life situations.
- ... ask the learners questions and let them raise questions themselves. It can be crucial to discuss numeracy themes, contexts and numbers.

[^1]Co-funded by the
Erasmus+ Programme

- ... think of possible ways of transfer: The learners should be enabled to make informed decisions. They are sensitive to their financial situation and willing to reflect it. Once they are looking for an apartment, the learners will be able to estimate the cost correctly. The learners know where they can get information about renting, renting costs, insurances and contracts.
- ... encourage the learners to collaborative learning.


## Appendix 1

## Examples for websites for real estate research

www.willhaben.at/iad/immobilien , [16.10.2023]


Die Immobilienplattform für Österreich mit 99.484 Anzeigen

www.wohnungsboerse.net , [16.10.2023]

## Wahnungsboerse

## Wohnung mieten, Mietwohnungen



## Appendix 2

## 民

Single-Haushalt
Alter: $\mathbf{3 0}$ Jahre Mietwohnung in Wien 1050

Beispiel: Fixkosten beim Einpersonen-Haushalt

| Fixkosten | monatliche Kosten* |
| :---: | :---: |
| Miete <br> ( $50 \mathrm{~m}^{2}$ Wohnung) | 620 Euro |
| Strom <br> (Jahresverbrauch 2.000 kWh ) | 36 Euro |
| Gas <br> (Jahresverbrauch 7.000 kWh ) | 34 Euro |
| Haushaltsversicherung <br> (Guter Schutz, 10 Jahre Vertragslaufzeit) | 5 Euro |
| Unfallversicherung | 12 Euro |
| Internet <br> (30 Mbit Download) | 19,90 Euro |
| Handy <br> ( 20 GB Datenvolumen) | 11,50 Euro |
| Summe monatliche Fixkosten | 738,40 Euro |

*Bei den monatlichen Kosten handelt es sich um Richtwerte; je nach persönlicher Situation, Alter, Wohnort, etc. kann die Höhe der persönlichen Fixkosten von den in der Tabelle angegebenen Werte abweichen.

Haushaltsrechner für Ihr Haushaltsbudget $\mid$ durchblicker.at, [19.10.2023]

Calculate and answer the following questions:

|  | Calculation | Result |
| :--- | :---: | :---: |
| What is the cost of energy per month? | $36 €+34 €$ | $70 €$ |
| What is the cost of energy per year? |  |  |
| What is the cost of insurance per month? |  |  |
| What is the cost of insurance per year? |  |  |
| What are the total costs per year? |  |  |

## Appendix 3

My apartment


How many square meters do the bedrooms have? Calculate.

|  | Bedroom 1 | Bedroom 2 |
| :--- | :--- | :--- |
| length (m) |  |  |
| width (m) |  |  |
| area $\left(m^{2}\right)$ |  |  |

The apartment has $72 \mathrm{~m}^{2}$. The total cost of the apartment is $\mathbf{7 2 0} €$. What is the price per $\mathrm{m}^{2}$ ?

How would you split the cost fairly if you share the apartment with another person? Discuss.

## Appendix 4

## Example for online budget calculator

www.wohnberatung-wien.at/wohnberatung/haushaltsrechner; [16.10.2023]


## Einnahmen

Monatliche Netto-Einnahmen:

## Familienbeihilfe



Sonstige Einnahmen: (i)
€
0
(1)

Monatliche Ausgaben


Kommunikation / Medien:
©
€ 0



[^0]:    ${ }^{1}$ for description and explanation of kinds of tasks, HITs and other background information please consult the teachers' guide

[^1]:    ${ }^{2}$ For general information and explanation on HITS please see (link)

