LESSON SCHEDULE:

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| **PUBLISHED PART:** |  |
| **ITEM:** | □ NATURE |
| **TARGET GROUP:** | □ 6th GRADE STUDENTS |
| **TOPIC:** | **LANDSCAPE OF THE KRAKOWSKO-CZĘSTOCHOWA UPLAND** |
| **GENERAL PURPOSE** | He gets to know the landscape of the highlands |
| **OPERATIONAL GOALS** | Student* describes the features of the karst landscape,
* lists local objects related to the history of Poland,
* recognizes landforms in photos and drawings,
* indicates the Krakow-Częstochowa Upland on the map of Poland.
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| **METHODS** | * experience, observation,
* working with a map and source text,
* stalactite breeding,
* multimedia board,
* worksheets
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| **FORMS:** | * Presentation slides
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| **TEACHING RESOURCES:** |
| ☒ Presentation | **X Individual exercise**: : | □ Exercise**group:** | □ **Quiz** | □ Test |
| □ Task**multimedia on****platform** | □ Test | □ Infographic | □ Fragment**movie:** | □ Animation |
| **downloadable worksheet** | □ Poster | □ Board: | □ Other: | □ Other: |
| **DESCRIPTION OF THE LESSON** | I.Introduction1. The course of the river - characteristics, consolidation of knowledge - label the stages of the river's course on the diagram

(task)1. What is karst? - reminder from the lesson about the Tatra Mountains,
2. Karst processes
	* analysis of maps, charts, diagrams, photos
	* comparison of karst forms with those of the High Tatras - conclusions

II. Development1. Features of the upland landscape |

- undulating surface, medium and high relative heights, characteristic landforms - rocks, gorges, slopes, caves, coniferous, mixed and deciduous forests,

1. Karst formations:

on the earth's surface - valleys, gorges, gates, fields, embankments, craters, inselbergs (e.g. clubs, spires), ribs, nurseries, etc.

under the earth's surface - caves, grottoes, tunnels, corridors, chimneys (wells), stalactites, stalagmites, stalagmites (columns), draperies and others.

1. Legend "Łokietek's Cave" attachment
2. Karst cave - pasting known karst forms on cardboard
	* plasticine, clay or salt dough, individual work,
3. Trail of the Eagles' Nests
	* mark the names of 12 castles on the map of the Kraków-Częstochowa Upland - "Eagle's Nests",
	* Ojców National Park - the symbol is a bat, protected plants and animals,
	* "History of man in the Prądnik Valley and Ojców" - article, curiosity,
4. Working with a map of the region – multimedia board, computers, group work.
	* getting to know the surroundings of Krakow and Częstochowa,
	* orientation on the map,
	* monuments of Krakow and Częstochowa,
	* Błędowska Desert - interesting facts
5. Establishing a stalactite farm – experience, collective work
	* description in the attachment,
6. Our health – the use of caves
	* article for those interested in caves - "Cave like an antibiotic",
	* in the Kraków-Częstochowa Upland, potatoes and rye are grown on weaker soils, and on

madach beets, wheat and vegetables III.Summary

1. Recognize karst formations based on the photos.
2. Name several castles on the Trail of the Eagles' Nests - what role did they play?
3. Regional names of potatoes – search for information.

own work

1. What did the castle look like in the Middle Ages? Based on various sources of information, try to sketch a castle - a sketch in a notebook.
2. The symbol of the Ojców National Park is a bat. Using the information provided in the attachment, explain what the terms mean:

- echolocation and hibernation

1. Design and make your own sign for the Ojców National Park.