

IN THE FOOTSTEPS OF WATER IN THE LANDSCAPE

KEY WORDS



WEATHERING

WATER EROSION

CANYON

V-SHAPED VALLEY

MEANDRE

RIVER ACTION

1. GREATEST VALLEY IN THE WORLD

METHOD >

 CONTROLLED TEACHING

 GAMIFICATION, DIDACTIC GAME

COMPETENCIES >

 CRITICAL THINKING

 READING COMPREHENSION

 RESPONSIBILITY

CLASS ORGANIZATION >

 TEAM WORK

SUPPLEMENTARY MATERIAL >

YES

VIDEO >

UNESCO NATURAL WONDERS BVWATO10

2. HOW DOES A RIVER AFFECT THE LANDSCAPE

METHOD >

 FLIPPED CLASSROOM

 DIFFERENTIAL TEACHING

COMPETENCIES >

 CRITICAL THINKING

 LISTENING COMPREHENSION

 PRESENTATIONAL SKILLS

CLASS ORGANIZATION >

 TEAM WORK

SUPPLEMENTARY MATERIAL >

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VIDEO >

WATER UNDER THE DESERT BVWAT008

3. WEATHERING AND EROSION

METHOD >

 CONTROLLED TEACHING

 FLIPPED CLASSROOM

COMPETENCIES >

 COMMUNICATION SKILLS
PRESENTATION SKILLS

 READING COMPREHENSION

 ABILITY TO WORK IN A TEAM

CLASS ORGANIZATION >

 TEAM WORK

SUPPLEMENTARY MATERIAL >

YES

VIDEO >

WATER AS A GEOLOGICAL FACTOR
BVWATO11

4. WATER IN THE LANDSCAPE

METHOD >

 GAMIFICATION, DIDACTIC GAME

 KINESTHETIC METHOD

COMPETENCIES >

 COMMUNICATION SKILLS,
PRESENTATION SKILLS

 ABILITY TO WORK IN A TEAM

 RESPONSIBILITY

CLASS ORGANIZATION >

 CLASSWORK

SUPPLEMENTARY MATERIAL >

YES

VIDEO >

LIFE UNDER ICE BVWAT009

IN THE FOOTSTEPS OF WATER IN THE LANDSCAPE

GOALS ›

- To recognize and be able to understand the effect of water in the formation of the largest canyon in the world.
- To document selected geological processes around the world and their consequences.

TEACHER TIP ›

Water is an external geological factor, which significantly changes the look of the landscape. It creates deep and narrow V-shaped valleys and waterfalls. Water affects the landscape in the form of rivers, rain or glaciers.

Students are engaged by a natural wonder recognized by UNESCO, the Grand Canyon in Arizona and can then start enquiring into the major and minor effects of water in the landscape.

MOTIVATION › ARIZONA

As an introduction, a teacher could engage students by saying, "Today we are going on an expedition into a unique natural feature of the US state of Arizona. The place which we are going to visit is a real wonder of the world and is a natural wonder recognized by UNESCO."

As the next step, teacher will ask students questions which will lead to a class discussion.

- Do you know the largest valley in the world, which is a UNESCO recognized place?
- Do you know how this valley was created?

