**LESSON IDEA**

**DEVELOPING MATHEMATICAL COMPETENCES AND LOGICAL THINKING**

**USING BOARD GAMES AND CODING**

**FOR CHILDREN AGED 3-4**

**Topic of the day: "Colorful, beautiful, fragrant - autumn fruits and vegetables"**

**Group: "Owls" 3-4 years old**

**Presenter: Magdalena Kuźma, MA**

**Main goals:**

- developing speech,

- developing mathematical competences and logical thinking using coding,

- developing cause-and-effect thinking,

- getting used to modern technologies.

**Operational goals:**

**Kid:**

- looks for solutions to problems presented to him,

- is creative,

- focuses attention on the task at hand.

**Methods:**

Seeking, giving, practical action.

**Forms:**

Group, team, individual.

**Teaching aids:**

Laptop with Internet access, multimedia board, autumn natural material.

**Course of classes:**

1. Greeting the children.

2. Arranging rhythms from natural materials (chestnuts, acorns, leaves), dividing them into categories,

recalculation.

3. Explain the first task to the children on the multimedia board - arrange the pictures in such a way

way so that the same pattern is not repeated either vertically or horizontally

small rectangle; we move individual elements with our finger.

4. Art task - drawing your favorite vegetable or fruit. Explainably

children where there is a crayon on the multimedia board. They can choose its color and thickness.

5. Thank you for your active participation in the classes.