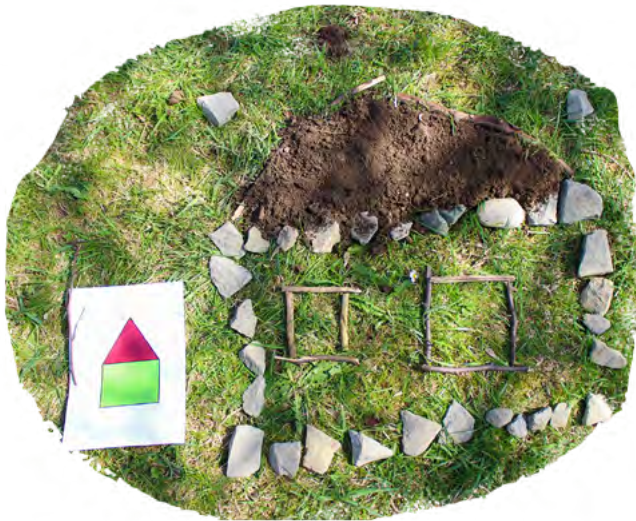# CONSTRUCTION WORK TEMPLATE

Topic: Construction work

Key terms: draft/model/picture, construction work, natural material, constructor, scale

What we need: available natural materials, model/picture/draft

Estimated time: 30 minutes
Methods: discussion, explanation, method of graphic expression

Activity description:

Possible objectives: To facilitate children's creativity and problem solving skills.
To work cooperatively in small groups and support pro-social behaviour.
Allow opportunities to understand architecture and design.

Activity:
Aim of the activity:
To create 3D models to scale.

Background context:
A construction based activity can encourage children to think creatively, to solve problems and to express their own ideas using a variety of materials. With construction based activities we also introduce children to worlds of architecture and design which brings them into the STEM world.

Introduction to the activity:
Children, have you ever constructed anything? And do you know, what construction work is? Who knows what a construction worker does? What does he need to do his job?

During the activity:
Children are divided into groups of 3-4. They are given sheets with a simple picture (e.g. car, flower, house). This is going to be a model for their "job". The teacher restricts the area for their construction work with stones or twigs. The children's task is to copy the model on a smaller/bigger scale and to fill the restricted area with a model which looks similar to the picture on the given sheet. Therefore, it is important to scale it properly. Children may use various materials to measure the original.

Possible evaluation questions for children:
Does your product resemble the original? How was your team at cooperating? Did you agree upon materials/methods? What was easy/difficult about constructing?

Curriculum links:
Man and craft
Construction work

Sources: © This activity sheet was created by The Take Me Out Partnership

Notes:

....

....

....

....

....

....

....

....