TRADUZIONI CECILIA

**CREATING A 3D MODEL OF THE ROMAN THEATRE IN GUBBIO**

**TARGET AGE GROUP: MIDDLE SCHOOL**

**Objective**: acquisition of certain elements of artistic and architectural knowledge and elements of Roman civilisation through the reconstruction of sites and aspects of daily life in the *Municipium* of Iguvium.

**Form**: by means of precise instructions and with the support of images, classes will be guided in the creation of a 3D model of the Roman Theatre in Gubbio.

**Subjects involved**: History, Art and Technology.

**Duration**: 1hr. and 30 minutes

**Cost**: €4.00 per person if it takes place in the Civic Museum

**MATERIALS REQUIRED**:

SOME SHEETS OF STIFF CARD

VINYL GLUE AND PAINTBRUSH

BOX CUTTER, SCISSORS AND A COMPASS

RULER AND PENCIL

PLATE

FELT TIPS AND TEMPERA PAINTS FOR COLOURING

**PROCEDURE:**

1. Cut out a square 35 cm. x 35 cm. from your card. This will be the base of your theatre which you can decorate as you like once you’ve coloured the base green.
2. Using a plate, trace 4 circles and cut them out using scissors or the box cutter.
3. Next, using the compass and scissors or box cutter make holes in the centre of each circle creating “rings”. N.B. the rings must not be all the same size but each one will have a central hole smaller than the previous one by 1.5 cm.
4. Now with the help of the ruler and pencil, divide the rings you have created into half so you get 8 semi-circles.
5. Using the vinyl glue, start sticking the semi-circles to the base beginning with the widest ones and continue sticking the progressively narrower ones so as to make a kind of flight of stairs from the bottom upwards.
6. Cut a long strip from your card (the length must be equal to that of the superimposed semi-circles) which you will need to draw the external wall of your theatre. Part of the wall must be higher so you can draw a second row of three arches while along the base of the card you will draw another six arches and then cut them out.
7. Glue the wall to the terraces folding it slightly so as to form a semi-circle.
8. Cut out 3 rectangular bases (about 15 cm. x 7 cm.): 2 of them will be stuck together to form the stage of your theatre which will be stuck in place facing the semi-circular terraces. Cut one of the longer sides of the 3th rectangle in an irregular shape: this will be the backdrop of the stage.
9. Paint the outside and the inside of the theatre with white acrylic colouring so as to resemble the facing of the Roman Theatre in Gubbio.
10. Now you can decorate your theatre with images of actors on the stage and plants and trees on the base around the outside. **Here’s a tip**: you can give your figures more stability if you stick them on a longer length of card, the end of which you fold over and then glue on to the flat surface. You can add labels with the name of the architectural components of the theatre.