NOTES ON STATION 1:

The files under “from ooze to marble booklets” are intended to be constructed as a booklet for the teachers to assist the students in learning about the changes that occur as calcareous microfossils are buried in the sediments. Each page in the booklet matches a hand sample in the COAS suitcase kit, as well as in a “work card”. The students working on this station should be divided into groups and each group will be assigned a sample and its corresponding “work card” to record their observations. The teacher would then guide the students in reconstructing the time line by putting the samples in the correct order (steps 1 to 5). The assigned students will share the observations their assigned sample with other members of the group. When all the samples have been discussed, each student would complete their own “time line worksheet”.

If you are using this resource for your own lessons, we suggest that you contact a local supplier of rocks and minerals and create similar collections of hand samples and booklets.