

## Aims

To actively engage the pupils in the session and develop:

- A basic awareness of the issue of global marine plastic pollution.
- An appreciation of the extent of litter and debris in our sea, and around our coastline.
- An understanding of the different types of plastics that pollute our sea and our beaches, where they originate from, how long they persist in the environment, and, the damage they can cause to wildlife.
- Science skills in determining buoyancy properties of plastics.
- Artistic and imaginative skills in reconstructing, and drawing, flotsam characters from plastic parts (activity for older pupils).

## Required Resources

**School** resources – Smart-board or projector screen facility (in both assembly & class spaces), sketching pencils, felt tipped pens.

**CPPC** resources - Visuals on memory stick as power-point file, static display boards, assorted (cleaned) beachcombed items, postcards and paper for drawing/writing activity.

## Activities

1. **09.15-09.45** Whole Group assembly and introduction using visuals on Power-Point.
2. **09.45-10.45** Yr4 Class A - Examination of some beach-cleaned items.  
'Beach Detectives' discussion and activity to work out age and origins of beach-cleaned plastic items.

### *Morning Break*

3. **11.00-12.15** Yr4 Class A 'Beach Scientists' discussion and activities to determine variation in plastic types, buoyancy properties, & degradability.  
'Beach Artists' activity to reconstruct flotsam characters from plastic parts.

### *Lunch Break*

4. **13.20-15.20** Yr4 Class B – Quick recap, then examination of beach-cleaned items.  
'Beach Detectives' discussion and activities to work out age and origins of plastic items. Beach Scientists' discussion and activities to determine variation in plastic types, buoyancy properties, & degradability.  
'Beach Artists' activity to reconstruct flotsam characters from plastic parts.