

## PENCIL SEA URCHIN



**GROUP/PHYLUM:** Echinoderm

**COLOUR:** Black – Brown – Orange – Green – Red - Purple

**MOVEMENT:** Spines move in any direction - thousands of tube feet – if turned upside down they will turn themselves right way up again

**TEXTURE/SHAPE** The hard outer shell is called a 'test' which is covered in spines - length among urchins ranges from 1-20cm

**HOW IT EATS:** Moves over food – has mouth underneath with 5 large stabbing teeth - stabs at food making it into a pulp which it sucks up

**WHAT IT EATS:** Dead fish – algae - sponges

**DEFENCE:** Has spines to protect it and can wedge amongst rocks so fish can't eat them  
Some have venomous spines

**JOB:** Cleaning ocean floor