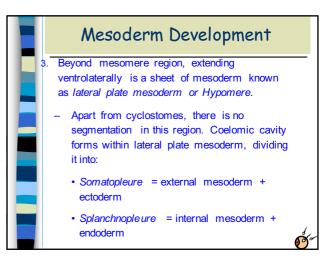
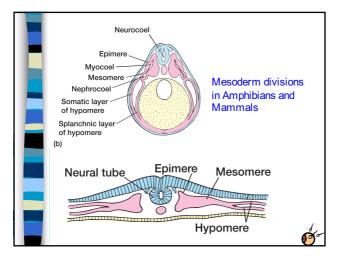


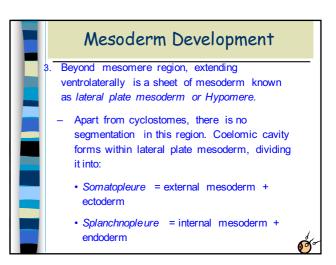
Mesoderm Development

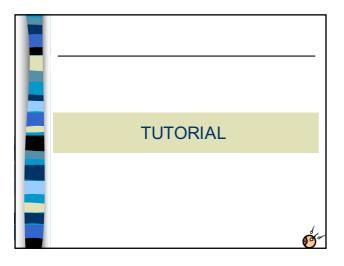
2. Lateral and ventral to somites is a relatively small region of mesoderm, known as intermediate mesoderm or *Mesomere*. This may show segmentation similar to somites.

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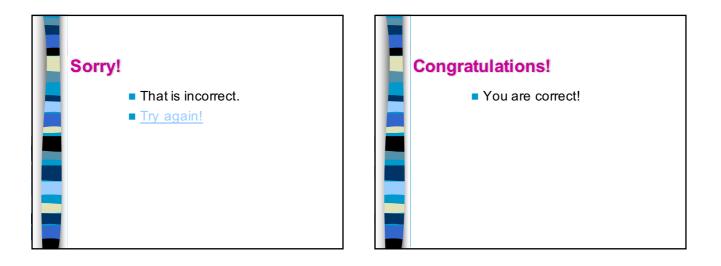


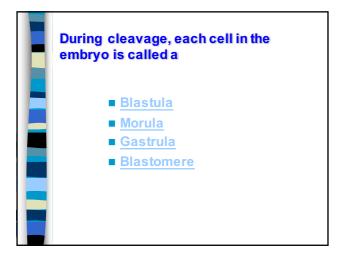




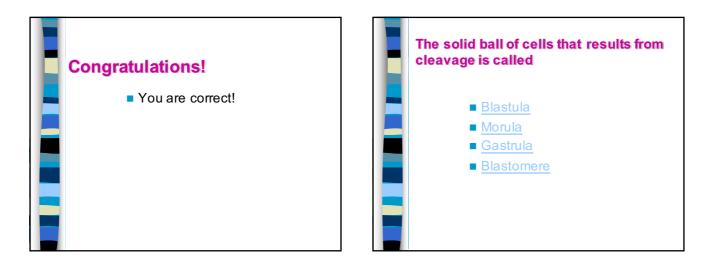




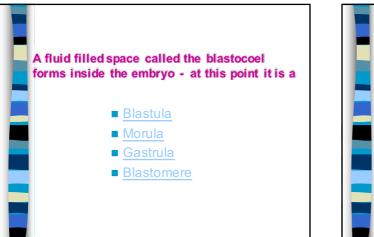






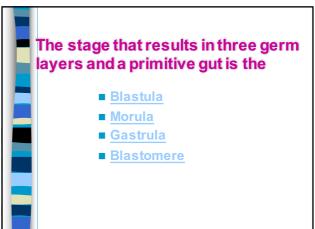


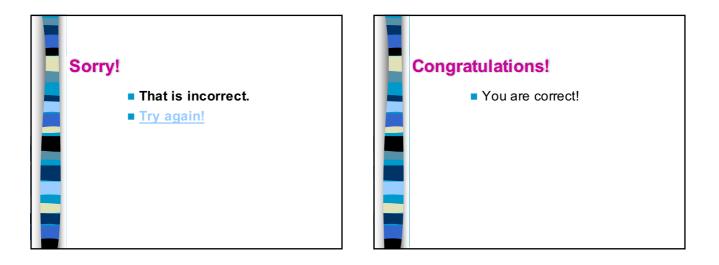


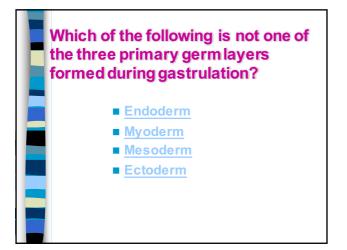


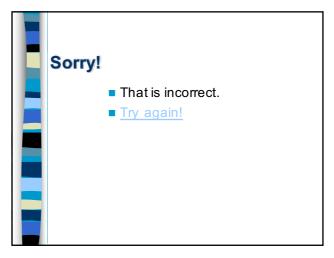


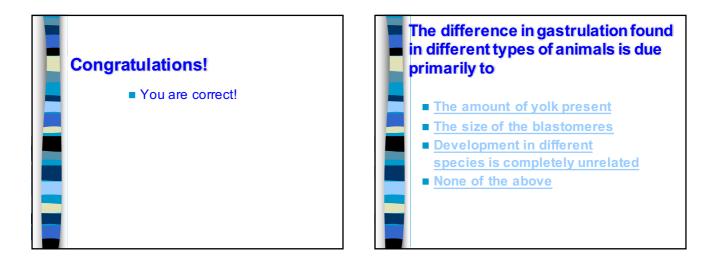


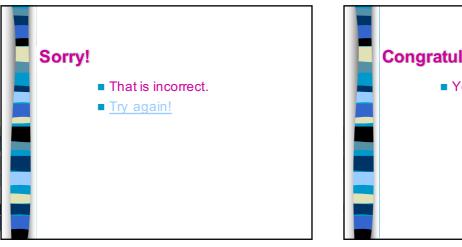




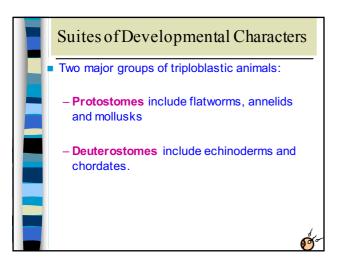


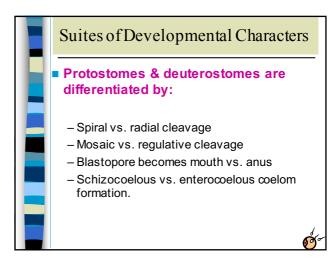


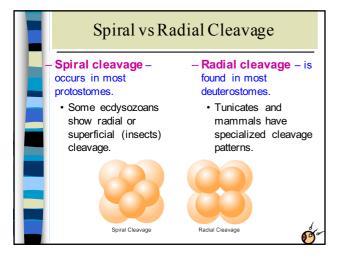












Mosaic vs Regulative Development	
 Mosaic development – cell fate is determined by the components of the cytoplasm found in each blastomere. An isolated blastomere can't develop. Protostomes 	 Regulative development – the fate of a cell depends on its interactions with neighbors, not what piece of cytoplasm it has. A blastomere isolated early in cleavage is able to from a whole individual (e.g. twins). Deuterostomes

