

- the lingual embrasure between their class counterpart and the tooth **mesial** to it

Examples:

1. The **mesiolingual** cusp of the mandibular **first molar** opposes the lingual embrasure between the maxillary first molar and second premolar.
2. The **mesiolingual** cusp of the mandibular **second molar** opposes the lingual embrasure between the maxillary second molar and first molar.

Note: The **distolingual cusp** of the mandibular **first molar** fits into (opposes) the lingual groove of the maxillary first molar.

Remember: The lingual cusp of permanent mandibular first premolars **does not** occlude with anything.

Important: During mandibular movements (working, non-working, etc.), the outer aspects of the **lingual** cusps of the mandibular molars **will not** contact their maxillary antagonists. All other areas of **buccal** and **lingual** cusps **may** contact during mandibular movements (this is assuming that all occlusal relationships are normal).

Note: In **unilateral balanced** occlusion, contact between mandibular buccal cusps and maxillary buccal cusps, along with simultaneous contact between mandibular lingual cusps and maxillary lingual cusps, will most likely occur in **laterotrusive** movements.