

# Week 1 Study Material – Module 2

Read Chapters 10,11, 28 (Focus on Ch 11 & 28)

**PLEASE NOTE:** ALL OF THIS INFORMATION WILL BE DISCUSSED ON DAY 1 AND WILL BE ON YOUR SECTION 1 ASSESSMENT. Make sure to know and understand all the information in this study guide.

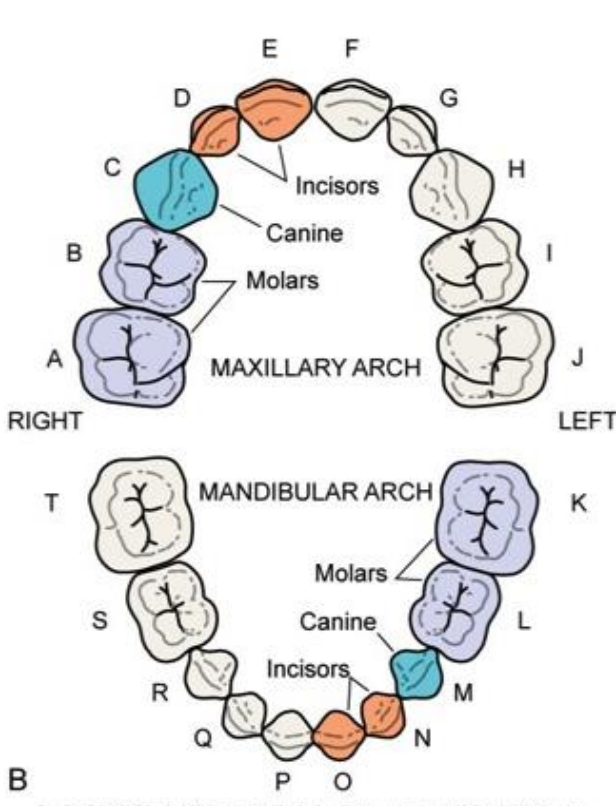
## Chapter 11

### Study Teeth Numbers and Names (Focus on adult teeth)

**Child – 20 Primary Teeth**

**A – J on Maxillary**

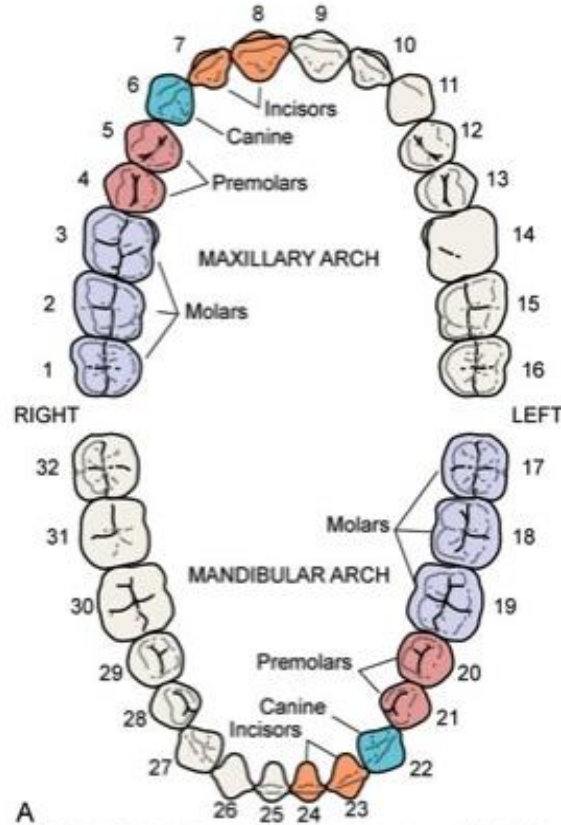
**K – T on Mandibular**



**Adult – 32 Permanent teeth #1 – #32**

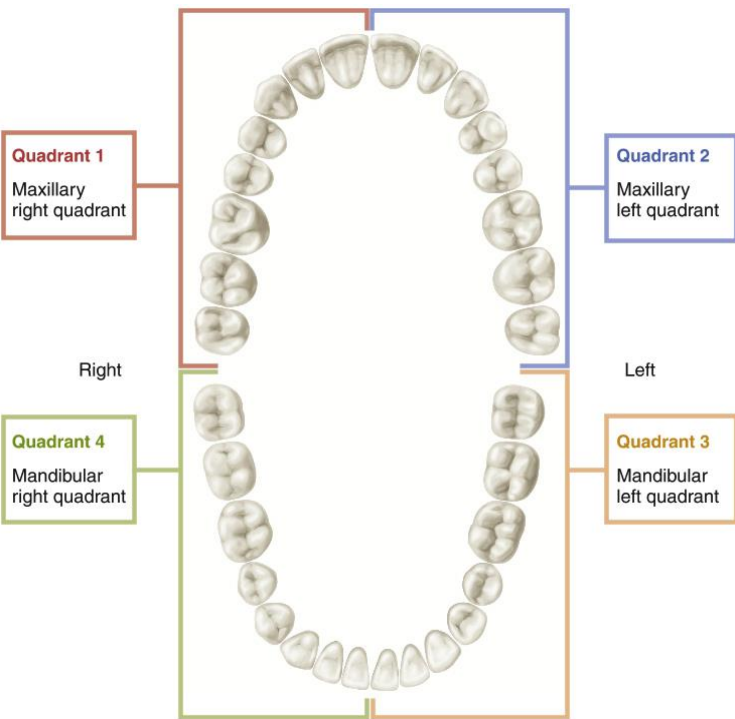
**#1 – #16 on Maxillary**

**#17 – #32 on Mandibular**



### Names & Numbers of Adult Teeth

<b>Molars</b>	<b>1,2,3,14,15,16,17,18,19,30,31,32</b>
<b>Premolars</b>	<b>4,5,12,13,20,21,28,29</b>
<b>Canines</b>	<b>6,11,22,27</b>
<b>Incisors</b>	<b>7,8,9,10,23,24,25,26</b>



**Quadrants**

**Quadrant 1** - Upper Right (UR) - Maxillary Right Quadrant  
Teeth Numbers 1 - 8

**Quadrant 2** - Upper Left (UL) - Maxillary Left Quadrant  
Teeth Numbers 9 - 16

**Quadrant 3** - Lower Left (LL) - Mandibular Left Quadrant  
Teeth Numbers 17 - 24

**Quadrant 4** - Lower Right (LR) - Mandibular Right Quadrant  
Teeth Numbers 25 - 32

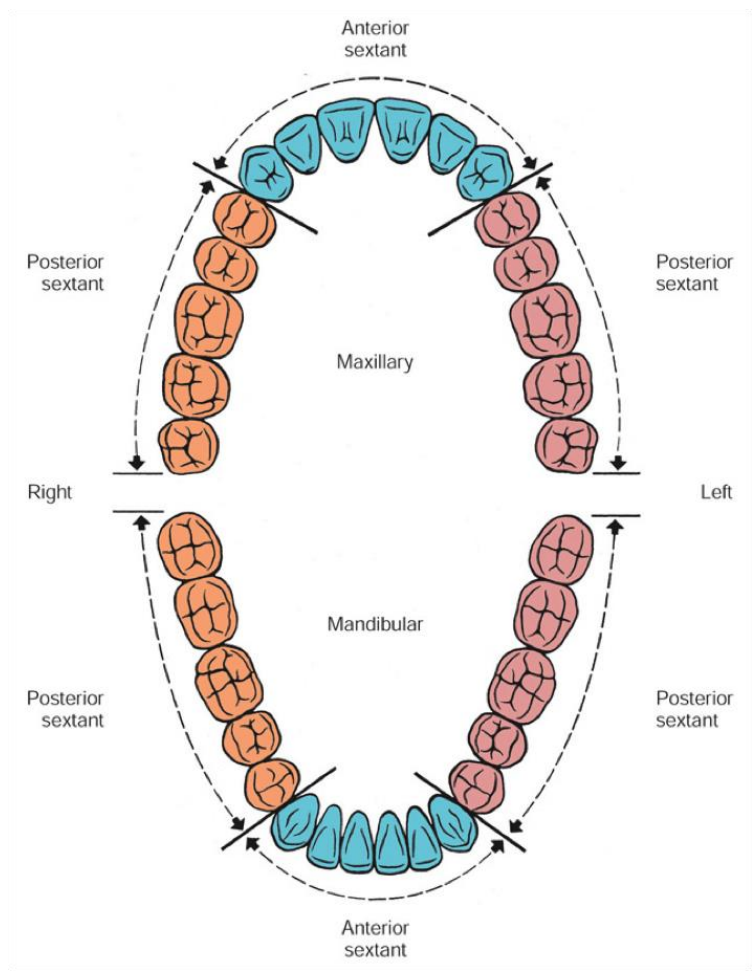
**B Permanent Dentition**

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**Sextants**

**Anterior Teeth**  
*(Canines and Incisors)*  
6,7,8,9,10,11  
22,23,24,25,26,27

**Posterior Teeth**  
*(Premolars and Molars)*  
1,2,3,4,5,12,13,14,15,16  
17,18,19,20,21,28,29,30,31,32



**Important Notes:**

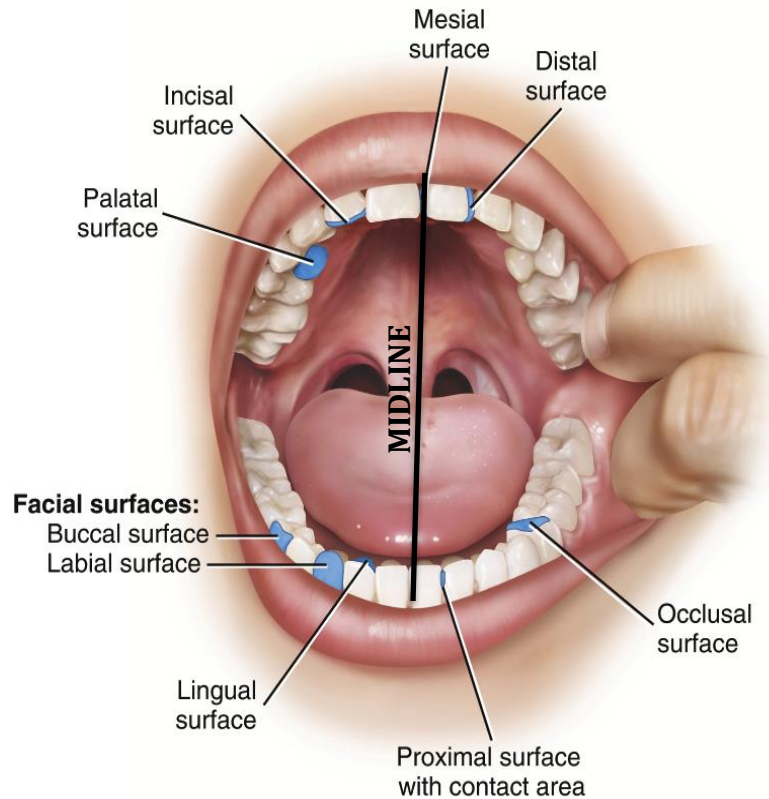
- \*We ONLY use the Universal Tooth Numbering System (Not ISO, Not Palmer)
- \*Do not use Black's Classification of Cavities (Class I-VI), Use Surfaces instead of Classes

## SURFACES of the Teeth

Each tooth has 5 surfaces

### Use the MIDLINE as a Guide for Surfaces

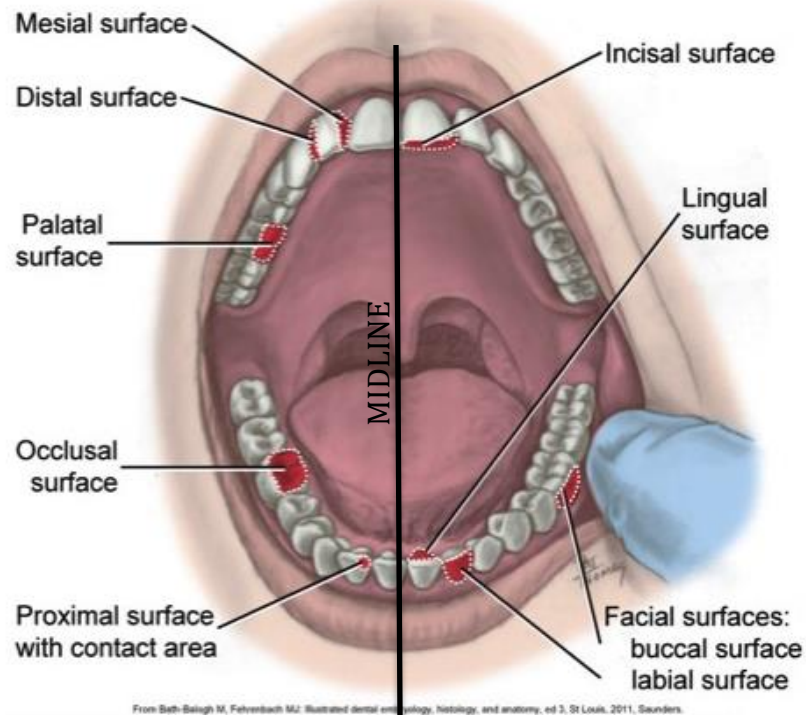
1. **MESIAL Surface** - Closest to the midline
2. **DISTAL Surface** - Furthest away from the midline (in the distance)
3. **LINGUAL Surface** - Back side of teeth (Tongue side)
4. **FACIAL or BUCCAL Surface**  
Cheek Side or Front of Teeth  
Use **Facial** with Anterior Teeth  
Use **Buccal** for Posterior Teeth
5. **INCISAL EDGE or OCCLUSAL Surface**  
Biting Surface of teeth  
Use **Incisal Edge** with Anterior Teeth (*Tip of tooth/biting surface*)  
Use **Occlusal** for Posterior Teeth (*Top of the tooth/biting surface*)



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**PALATAL SURFACE** is also known as the **LINGUAL SURFACE**. The term "PALATAL" is not typically used when charting. Instead, the term "Lingual" is used for the maxillary & mandibular to reference the inside surface of the tooth that touches the tongue.

**Labial Surface** is not typically used when charting. Instead, the term "**Buccal**" refers to teeth that are cheek side on **posterior teeth**, and "**Facial**" refers to teeth that are cheek side on **anterior teeth** for the Maxillary and Mandibular.

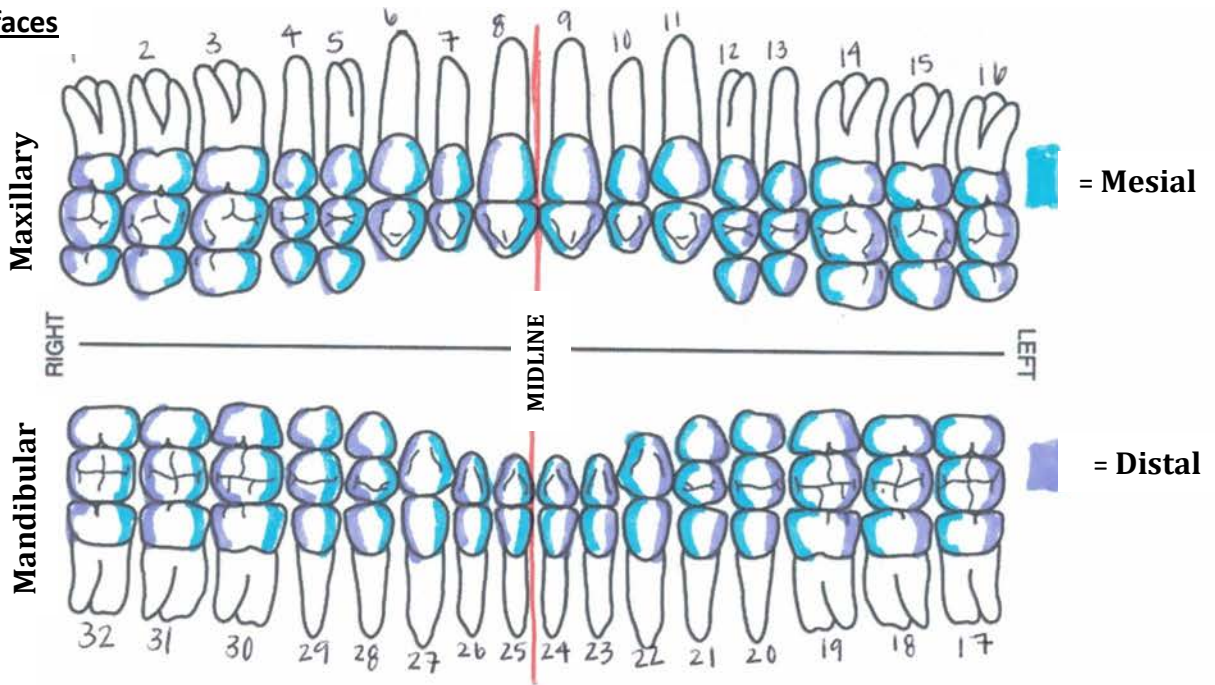


From Bath-Baligh H, Fehrenbach MJ. Illustrated dental embryology, histology, and anatomy, ed 3. St Louis, 2011. Saunders.

**MIDLINE** – An imaginary line that separates the right side of the mouth from the left side of the mouth to help determine Mesial and Distal. The midline is between teeth #8 & #9 and #24 & #25 (see picture above). The surface(s) closest to the midline are **MESIAL**, and the surfaces furthest away from midline are **Distal** (see picture above).

## Every Tooth Has 5 Surfaces

1. Mesial
2. Distal
3. Lingual
4. Occlusal/Incisal Edge
5. Buccal/Facial



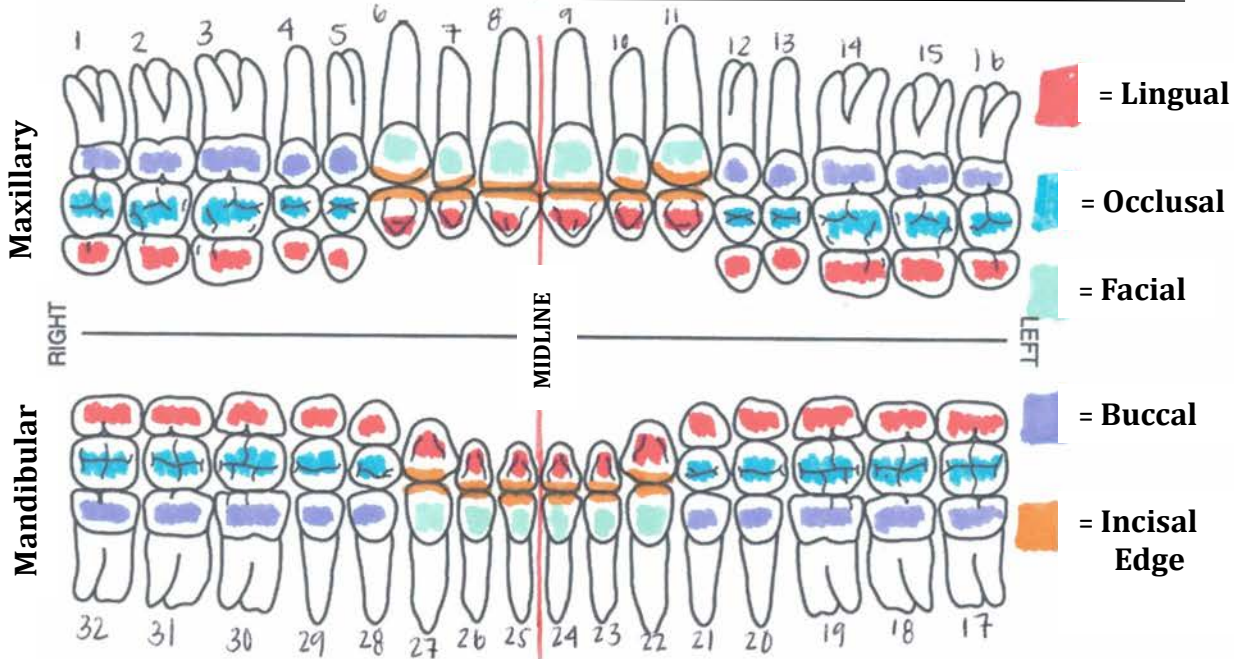
### TIP #1

Occlusal and Incisal Edge Surfaces are used interchangeably depending on whether the tooth is an Anterior Tooth or a Posterior Tooth.

**Anterior Tooth –  
Incisal Edge**

**Posterior Tooth –  
Occlusal Surface**

Both are the “Biting Surfaces” of the tooth but the surface name depends on which tooth it is.  
(Anterior or Posterior)



### TIP #2

Buccal and Facial Surfaces are used interchangeably depending on whether the tooth is an Anterior Tooth or a Posterior Tooth.

**Anterior Tooth –  
Facial Surface**

**Posterior Tooth –  
Buccal Surface**

Both are the “Front Surfaces” of the tooth but the surface name depends on which tooth it is.  
(Anterior or Posterior)

