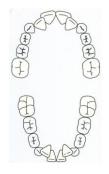
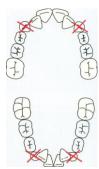
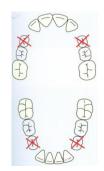
Eruption of Primary Teeth		
6 – 36 Months	6 – 9 Years	9 – 12 Years
 Anterior teeth erupt in vertical upright position – less overjet. Deep bite – Increased overbite Dentition can be either: Spaced Dentition 	Early mesial shift occurs in <u>spaced</u> <u>dentition</u> where posterior teeth shift mesially to fill the primate spaces. <u>Closed dentition</u> lacks primate spaces, so no mesial shift happens.	Leeway Space of Nance: size differential between primary and permanent posterior teeth. Primary MD Width of EDC >
(physiological/ development spaces). Primate Spaces can be seen mesial to upper canine and distal to lower canine. Closed Terminal Plane – according to distal of upper- and lower-second molars. Can be: Mesial step terminal plane (49%) B Distal step terminal plane (49%) B Filiah terminal plane (37%)	 Incisor Liability: Primary BA → AB MD width = X Permanent 21 → 12 MD width = Y Y - X = 6-7mm Interdental spacing: 2—3mm Intercanine arch growth: 3—4mm Incisor Liability: 1—2mm 	Permanent MD Width of 543

Serial Extraction

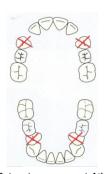




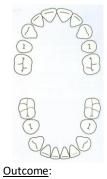
Extract primary canines to allow eruption and optimal alignment of lateral incisors



Extract primary 1st molar to accelerate eruption of 1st premolar ahead of permanent canines if possible



Extract permanent 1st premolar to allow the erupting canine to drift distally into premolar space



- 1. Aligned Incisors
- 2. Missing first premolar
- 3. Spacing in posterior segment
- 4. Canine occupying space of 1st premolar

Habit Breaking Appliances

Tongue Thrusting

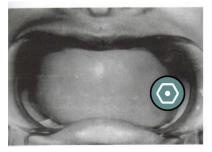


• Digit Sucking – Blue Grass Appliance



• Mouth Breathing:

- Etiology:
 - Deviated nasal septum
 - Allergic Rhinitis, Nasal polyps
 - Enlarged adenoids or tonsils
 - Short upper lip preventing lip seal
 - Obstruction in bronchial tree
- Appliance: Oral Screen



• Incorrect alignment of dentition due to pressure from the soft tissue



Anterior Crossbite

- Corrections:
 - Tongue Blade Therapy



• Lower inclined plane (catalan's appliance)



- Removable Hawley's appliance
- Fixed appliances

Posterior Crossbite

- Space supervision
- Space maintainer
 - Single unilateral posterior space maintainer



• Distal shoe space maintainer



- Bilateral Loss Lower
 - o Lower lingual holding arch



- Bilateral Loss Upper
 - Transpalatal Arch (Bar)



o Nance Appliance



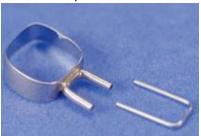
• Fixed Space maintainer for Anterior Teeth



• Bonded space maintainer



• Preformed space maintainer



- Fixed space re-gainer
 - Lip bumber