

IDENTIFYING INFORMATION	
Name/Identifier	_____
<input type="checkbox"/> Male <input type="checkbox"/> Female	
Grade	_____
Examiner	_____

AGE CALCULATOR			
	Year	Month	Day
Test Date	_____	_____	_____
Birth Date	_____	_____	_____
Chronological Age	_____	_____	_____

OROFACIAL EXAMINATION TASK (FULL)

A. Materials

1. Gloves
2. Tongue depressor
3. Flashlight
4. Stop-watch
5. This scoring form

B. Instructions

1. Sit facing the speaker. Have speaker wipe nose, particularly if he/she has a cold.
2. Tell speaker: "I'm going to just look at your face for a few minutes."
3. The format is first to complete all the Structure items, which require only observing (with aid of flashlight) and recording observations. Then, complete all the Function items.
4. Scoring for Structure items. For each observation that is not within normal limits, note the nature of the deviation in the space provided. Then rate the severity (check appropriate box) using the following key:
 - 0 = normal, deviation not present, appropriate for speaker's age
 - 1 = questionable, approximation, or mildly deviant size, shape, spacing, etc. for speaker's age
 - 2 = moderately deviant structure for speaker's age
 - 3 = severely deviant structure for speaker's age
5. Scoring for Function items. Use same key as above; 0 = normal function, 1 = questionable or mildly deviant function, 2 = moderately deviant function, 3 = severely deviant function, NR = no response. Specify whether the speaker did not attempt the item or the speaker attempted the item, but was not able to complete the task.

Part I. Structure

A. Cranium

<i>Variable</i>	<i>Description</i>			<i>Rating</i>			
1. Size	Normal	Small	Large	0	1	2	3
2. Shape	Normal		Other (specify)				
3. Symmetry	Symmetric		Asymmetric				
4. Ears	Normal		Other (specify: location of pinnae)				

B. Facial Structure

<i>Variable</i>	<i>Description</i>			<i>Rating</i>				
1. Symmetry	Symmetric		Asymmetric		0	1	2	3
2. Vertical facial dimension	Normal (lower face nose base to chin base is 10% longer than upper face)		Other (specify)					
3. Eye spacing	Normal (one eye space apart)	Too far (hypertelorism)	Too close					
4. Nasal bridge	Normal		Pinched nares, mouth open, somewhat retracted chin					
5. Nasal tip	Normal		Specify: wide, flat, deviated (R/L)					
6. Nasal columella	Normal		Specify: depressed, deviated (R/L)					
7. Nasal alae	Normal		Constriction(s) observed (R/L)					
8. Nasal septum	Normal		Depression(s) observed (R/L)					
9. Nasal obstruction	Normal	Slightly deviated	Significantly deviated					
10. Other (e.g., mouth breather)	None	Some noisy breathing	Marked noisy breathing	Hyponasal				

C. Lips

<i>Variable</i>	<i>Description</i>			<i>Rating</i>				
1. Symmetry	Symmetric		Asymmetric		0	1	2	3
2. Length	Normal	Somewhat short (U/L)	Markedly short (U/L)					
3. Position at rest (upper and lower teeth in contact)	Lips touch		Lips are separated					
4. Vertical dimension of upper lip	Normal/Adequate	Short	Long					
5. Cupid's bow	Present (specify: symmetric/asymmetric)		Absent					
6. Notching	Unnotched		Notched (R/L)					
7. Vermillion symmetry	Symmetric		Asymmetric					
8. Scarring or cleft	Normal		Deviation(s) observed (U/L, L/R)					
9. Lower lip	Symmetric		Asymmetric					
10. Other	Describe and rate:							

D. Maxillary/Mandibular Relationship

<i>Variable</i>	<i>Description</i>					<i>Rating</i>			
1. Anterior/Posterior	Normal	Retrusive mandible	Retrusive maxilla	Protrusive mandible	Protrusive maxilla	0	1	2	3
2. Lateral	Normal	Wide mandible	Wide maxilla	Narrow mandible	Narrow maxilla				

E. Teeth and Mandible (Jaw)

<i>Variable</i>	<i>Description</i>		<i>Rating</i>			
1. Occlusion	Normal (neuroclusion)	Malocclusion (specify: class I, class II, class III, cross bite [R/L], open bite [anterior/posterior], other)	0	1	2	3
2. Condition of teeth	Normal	Specify: crowded, jumbled, supernumerary gaps, rotated/tilted, missing teeth, caries, enamel hypoplasia, other (specify location in mouth; e.g., mandibular right first molar)				
3. Condition of gingiva	Normal	Abnormal (specify)				
4. Prosthetics	None	Specify: braces, retainer, expander, dental plate, other				
5. Other	Describe and rate:					

F. Tongue

<i>Variable</i>	<i>Description</i>			<i>Rating</i>			
1. Size (by reference to dental arches)	Appropriate	Specify: atrophy, hypertrophy, too small, too large, other		0	1	2	3
2. Appearance at rest	Normal	Specify: asymmetric, protrudes between teeth (carriage), other					
3. Appearance of surface	Normal	Specify: tremors, fasciculations, furrowing, other					
4. Length of frenum	Adequate	Restrictive/Tight	Absent				
5. Other	Describe and rate:						

G. Alveolus

<i>Variable</i>	<i>Description</i>	<i>Rating</i>			
1. Condition	Specify: non-cleft, cleft, grooved, abutted, grafted, floating intermaxillary segment, posterior buccal collapse, fistula(e), other (specify size and/or location)	0	1	2	3

H. Hard Palate

<i>Variable</i>	<i>Description</i>		<i>Rating</i>			
1. Height	Normal	Deviant (specify contour: flat, deep & narrow, deep & wide, other)	0	1	2	3
2. Coloration (midline and lateral aspects)	Normal	Abnormal blue tint (zona pellucida)				
3. Bony framework	Normal	Deviant (specify and describe: submucous cleft palate, repaired or unrepaired cleft palate, bony tori, other)				
4. Other	Describe and rate:					

I. Soft Palate

<i>Variable</i>	<i>Description</i>		<i>Rating</i>			
1. Symmetry	Symmetrical	Asymmetrical (specify: deviated R/L)	0	1	2	3
2. Symmetry on elevation	Symmetrical	Asymmetrical (specify: deviated R/L)				
3. Tenting on elevation	Present	Absent				
4. Intactness	Normal	Other (specify: submucous cleft palate, repaired / unrepaired cleft palate, muscular diastasis)				
5. Length	Adequate	Short				
6. Uvula: symmetry at rest	Symmetrical	Asymmetrical (specify: deviates R/L)				
7. Uvula: description	Normal	Deviant (specify: absent short, long, bifid, other)				

8. Notching on palpation	Present	Absent				
9. Other	Describe and rate:					

J. Pharynx

<i>Variable</i>	<i>Description</i>			<i>Rating</i>			
1. Anterior faucial pillars	Normal R/L		Deviant R/L (specify: absent, inflamed, scarred)	0	1	2	3
2. Posterior faucial pillars	Normal R/L		Deviant R/L (specify: absent, inflamed, scarred)				
3. Palatine tonsils	Normal R/L	Deviant R/L (specify: enlarged or inflamed)	Absent				
4. Other	Describe and rate (e.g., visible sphincter pharyngoplasty, visible laryngeal flap) :						

Part II. Function

A. Respiration and Phonation

<i>Variable</i>	<i>Description</i>		<i>Rating</i>			
1. Posture of larynx during resting breathing	Normal		Other (specify)			
2. Have speaker sustain /a/ for as long as possible (demonstrate)	Normal (9-10 seconds)		Reduced (less than 10 sec. on second trial)			
3. Have speaker sustain /s/ for as long as possible (demonstrate)	Normal (9-10 seconds)		Reduced (less than 10 sec. on second trial)			
4. Have speaker sustain /z/ for as long as possible (demonstrate)	Normal (9-10 seconds)		Reduced (less than 10 sec. on second trial)			
5. Have speaker say /ha ha ha/	Normal		Abnormal (specify)			
6. Have speaker talk in a soft voice (not whisper) while counting	Normal (can sustain soft voice)		Cannot sustain soft voice			

7. Have speaker use a loud voice to call "Mom" in the next room	Normal (can shout)	Cannot shout				
8. Have speaker vary pitch at two levels (baby bear[high]; daddy bear [low])	Normal	Limited pitch (specify)				
9. Other	Describe and rate:					

B. Velopharyngeal function

Variable	Description			Rating			
				0	1	2	3
1. Velar movement (height and symmetry) during production of sustained /a/	Excellent (up to plane of hard palate and back)	Moderate	Minimal				
2. Velar movement (height and symmetry) during production of /ha ha ha/	Excellent (up to plane of hard palate and back)	Moderate	Minimal				
3. Have the speaker open mouth and make repeated productions of /a/ (demonstrate); observe position of velar dimple	Normal		Abnormal (specify)				
4. Have the speaker open mouth and make repeated productions of /a/ (demonstrate); observe lateral pharyngeal wall movement	Normal	Minimal	None				
5. Have speaker sustain /u/ (demonstrate); alternately occlude nostrils	Voice quality does not change		Quality changes when nostrils occluded (i.e., incomplete velopharyngeal closure)				

6. Other	Describe and rate:				

C. Articulation

Variable	Description		Rating			
<i>Ask speaker to perform the following tasks, providing as many demonstrations as necessary.</i>						
1. Lip protrusion – non-speech (pucker)	Full range of protrusions and symmetric lip corners R/L	Reduced range or asymmetric lip corners R/L (specify)	0	1	2	3
2. Lip protrusion – speech (produce /u/)	Full range of protrusions and symmetric lip corners R/L	Reduced range or asymmetric lip corners R/L (specify)				
3. Open-close lips – non-speech (jaw movement unrestricted)	Full range	Reduced range (specify)				
4. Open-close lips – speech (produce /m/)	Full range	Reduced range (specify)				
5. Lip retraction – nonspeech (smile)	Full range of retraction and symmetric lip corners R/L	Reduced range of retraction or asymmetric lip corners R/L (specify)				
6. Lip retraction – speech (produce /i/)	Full range of retractions and symmetric lip corners R/L	Reduced range of retractions or asymmetric lip corners R/L (specify)				
7. Bite lower lip – non-speech	Normal	Weak				
8. Bite lower lip – speech (produce /f/)	Normal	Weak				

16. Tongue resistance – force with mouth half open:	Normal: adequate range or resistance	Abnormal: inadequate range or resistance				
a. Press tongue tip against right cheek and push out						
b. Press tongue tip against left cheek and push out						
c. Press tongue tip against tongue depressor and resist gentle push						
d. Press tongue body against depressor and resist gentle push and pressure						
Other	Describe and rate:					

NOTES: