Session 3

- Participants practice analysis of Mandarin Tone 3, Tone 4 and Tone 0 in monosyllabic words with reference to sample readings of native speakers
- Participants record their readings and compare pitch curves
- Material: Headphone
         Recordings of native speakers
         Workshop ppt
         Worksheet 3.1
         Worksheet 3.2
         Worksheet 3.3

No.	Time	Content
1	before the workshop	- Start computers for the participants - Set up video camera - Open ppt for the workshop
2	2mins	- Settle down the participants - Guide the participants to download the 'workshop 3' folder for preparation
3	3mins	- Explain typical tone curve of Mandarin Tone 3 (fall-rise-fall) - Ask the participants to perform tone analysis of native speakers' reading of 'chě' using Praat and write down measurements of the speech data on **Worksheet 3.1** - Ask the participants record their own reading of 'chě' and compare it with native speaker's measurement, and demonstrate how to do reflection on **Worksheet 3.1**
4	3mins	- Ask the participants to re-record their reading of 'chě' according to their reflection - Ask the participants to write down measurement of their second reading on **Worksheet 3.1** - Ask the participants to write reflection again on **Worksheet 3.1** to see if they have improved
5	10mins	- Ask the participants to record, analyze, compare, and re-record 'hǎn' and 'lǒu' with help of **Worksheet 3.2** - If they have time, they can choose words from the word list and practice by themselves with help of **Worksheet 3.3**
6	15mins	- Explain typical tone curve of Mandarin Tone 4 (dramatic fall)

		- Ask the participants to analyze, record, compare, and re-record 'shèng' 'jìn' and 'dàn' with help of **Worksheet 3.2** - If they have time, they can choose words from the word list and practice by themselves with help of **Worksheet 3.3**
7	15mins	- Explain typical tone curve of Mandarin Neutral Tone (<u>short and unstressed</u>) - Ask the participants to analyze, record, compare, and re-record 'péng you' and 'miàn zi' with help of **Worksheet 3.2** - If they have time, they can choose words from the word list and practice by themselves with help of **Worksheet 3.3**
8	2mins	Collect worksheets

Worksheet 3.1

Name: _____

a. Please perform tone analysis of 'chě' read by the native Mandarin speaker

Pinyin:	chě
Duration	
Pitch Level	
Pitch Range	

b. Please perform tone analysis of your own reading of 'chě'
c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	chě
Duration	
Pitch Level	
Pitch Range	
Reflection	

d. Please perform tone analysis of your second reading of 'chě'
e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	chě
Duration	
Pitch Level	
Pitch Range	
Reflection	

Worksheet 3.2

Name: _____

1a. Please perform tone analysis of 'hǎn' read by the native Mandarin speaker

Pinyin:	hǎn
Duration	
Pitch Level	
Pitch Range	

1b. Please perform tone analysis of your own reading of 'hǎn'
1c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	hǎn
Duration	
Pitch Level	
Pitch Range	
Reflection	

1d. Please perform tone analysis of your second reading of 'hǎn'
1e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	hǎn
Duration	
Pitch Level	
Pitch Range	
Reflection	

2a. Please perform tone analysis of 'lǒu' read by the native Mandarin speaker

Pinyin:	lǒu
Duration	
Pitch Level	
Pitch Range	

2b. Please perform tone analysis of your own reading of 'lǒu'
2c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	lǒu
Duration	
Pitch Level	
Pitch Range	
Reflection	

2d. Please perform tone analysis of your second reading of 'lǒu'
2e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	lǒu
Duration	
Pitch Level	
Pitch Range	
Reflection	

3a. Please perform tone analysis of 'shèng' read by the native Mandarin speaker

Pinyin:	shèng
Duration	
Pitch Level	
Pitch Range	

3b. Please perform tone analysis of your own reading of 'shèng'
3c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	shèng
Duration	
Pitch Level	
Pitch Range	
Reflection	

3d. Please perform tone analysis of your second reading of 'shèng'
3e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	shèng
Duration	
Pitch Level	
Pitch Range	
Reflection	

4a. Please perform tone analysis of 'jìn' read by the native Mandarin speaker

Pinyin:	jìn
Duration	
Pitch Level	
Pitch Range	

4b. Please perform tone analysis of your own reading of 'jìn'
4c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	jìn
Duration	
Pitch Level	
Pitch Range	
Reflection	

4d. Please perform tone analysis of your second reading of 'jìn'
4e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	jìn
Duration	
Pitch Level	
Pitch Range	
Reflection	

5a. Please perform tone analysis of 'dàn' read by the native Mandarin speaker

Pinyin:	dàn
Duration	
Pitch Level	
Pitch Range	

5b. Please perform tone analysis of your own reading of 'dàn'
5c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	dàn
Duration	
Pitch Level	
Pitch Range	
Reflection	

5d. Please perform tone analysis of your second reading of 'dàn'
5e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	dàn
Duration	
Pitch Level	
Pitch Range	
Reflection	

6a. Please perform tone analysis of 'péng you' read by the native Mandarin speaker

Pinyin:	péng	you
Duration		
Pitch Level		
Pitch Range		

6b. Please perform tone analysis of your own reading of 'péng you'
6c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	péng	you
Duration		
Pitch Level		
Pitch Range		
Reflection		

6d. Please perform tone analysis of your second reading of 'péng you'
6e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	péng	you
Duration		
Pitch Level		
Pitch Range		
Reflection		

7a. Please perform tone analysis of 'miàn zi' read by the native Mandarin speaker

Pinyin:	miàn	zi
Duration		
Pitch Level		
Pitch Range		

7b. Please perform tone analysis of your own reading of 'miàn zi'
7c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	miàn	zi
Duration		
Pitch Level		
Pitch Range		
Reflection		

7d. Please perform tone analysis of your second reading of 'miàn zi'
7e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	miàn	zi
Duration		
Pitch Level		
Pitch Range		
Reflection		

Worksheet 3.3

Name: _____

If you have time, please perform tone analysis of native speaker's reading and you own reading of the words below.

Tone 3	căn	pǒ
Tone 4	huò	bèn
Tone 0	nǐ ne	guò qu

1a. Tone analysis of native speaker's reading

Pinyin:	
Duration	
Pitch Level	
Pitch Range	

1b. Tone analysis of your own reading
1c. Reflection

Pinyin:	
Duration	
Pitch Level	
Pitch Range	
Reflection	

1d. Tone analysis of your second reading
1e. Reflection

Pinyin:	
Duration	
Pitch Level	
Pitch Range	
Reflection	

2a. Tone analysis of native speaker's reading

Pinyin:	
Duration	
Pitch Level	
Pitch Range	

2b. Tone analysis of your own reading

2c. Reflection

Pinyin:	
Duration	
Pitch Level	
Pitch Range	
Reflection	

2d. Tone analysis of your second reading

2e. Reflection

Pinyin:	
Duration	
Pitch Level	
Pitch Range	
Reflection	

3a. Tone analysis of native speaker's reading

Pinyin:	
Duration	
Pitch Level	
Pitch Range	

3b. Tone analysis of your own reading

3c. Reflection

Pinyin:	
Duration	
Pitch Level	
Pitch Range	
Reflection	

3d. Tone analysis of your second reading

3e. Reflection

Pinyin:	
Duration	
Pitch Level	
Pitch Range	
Reflection	

4a. Tone analysis of native speaker's reading

Pinyin:	
Duration	
Pitch Level	
Pitch Range	

4b. Tone analysis of your own reading

4c. Reflection

Pinyin:	
Duration	
Pitch Level	
Pitch Range	
Reflection	

4d. Tone analysis of your second reading

4e. Reflection

Pinyin:	
Duration	
Pitch Level	
Pitch Range	
Reflection	

5a. Tone analysis of native speaker's reading

Pinyin:		
Duration		
Pitch Level		
Pitch Range		

5b. Tone analysis of your own reading

5c. Reflection

Pinyin:		
Duration		
Pitch Level		
Pitch Range		
Reflection		

5d. Tone analysis of your second reading

5e. Reflection

Pinyin:		
Duration		
Pitch Level		
Pitch Range		
Reflection		

6a. Tone analysis of native speaker's reading

Pinyin:		
Duration		
Pitch Level		
Pitch Range		

6b. Tone analysis of your own reading

6c. Reflection

Pinyin:		
Duration		
Pitch Level		
Pitch Range		
Reflection		

6d. Tone analysis of your second reading

6e. Reflection

Pinyin:		
Duration		
Pitch Level		
Pitch Range		
Reflection		