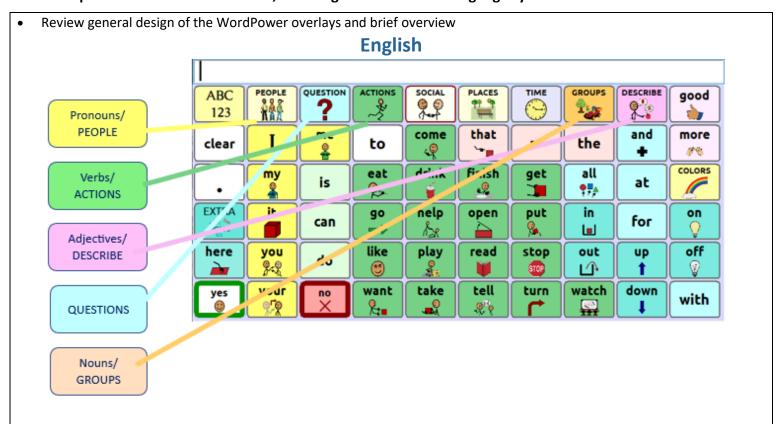


We began this process by looking at features in existing WordPower files, such as fast and efficient generation of words, phrases and sentences. The intent was to create a file that accurately reflects the Mandarin language and incorporates WordPower features, resulting in a robust AAC language system.



### **Mandarin (Simplified Chinese)**



## **Guiding Principles for all WordPower vocabularies:**



Efficient language generation

Logical nex words Reduce keystrokes Logical and intuitive

Ample symbol support throughout

Spelling with word prediction

### **Challenges and differences relative to Mandarin project:**

- 1- No Chinese alphabet or phonetic system. The Chinese writing system is logographic, using characters/symbols to represent meaning rather than phonetic sounds. So...
  - we incorporated the iOS "Chinese, Simplified-Pinyin" keyboard into the file. The "Chinese, Simplified-Handwriting" keyboard is also an option.



- we were unable to use an alphabetical arrangement of pages;
- we had to use different strategies to arrange VERB and ADJECTIVE pages (see more below).
- 2- No spaces between words (a challenge for the software engineers, because TouchChat was originally designed for Germanic and Romantic languages). Though each Chinese character is considered a word, a single verb, noun or adjective may consist of one or several characters.



= come



- liko



= text

- 3- No gender forms, no tenses, no plurals.
  - \*Verbs do not conjugate for tense as in English, but aspect words (了 过 在) are used to indicate time.
- 4- Counter/measurement words are used in relation to specific nouns. The articles "a" "an" and "the" are not used.
- 5- Though Chinese grammar is similar, in that it uses a basic S–V–O format, often the word order for sentences is quite different from English. For example:
  - QUESTION words appear at the end of a sentence rather than the beginning.

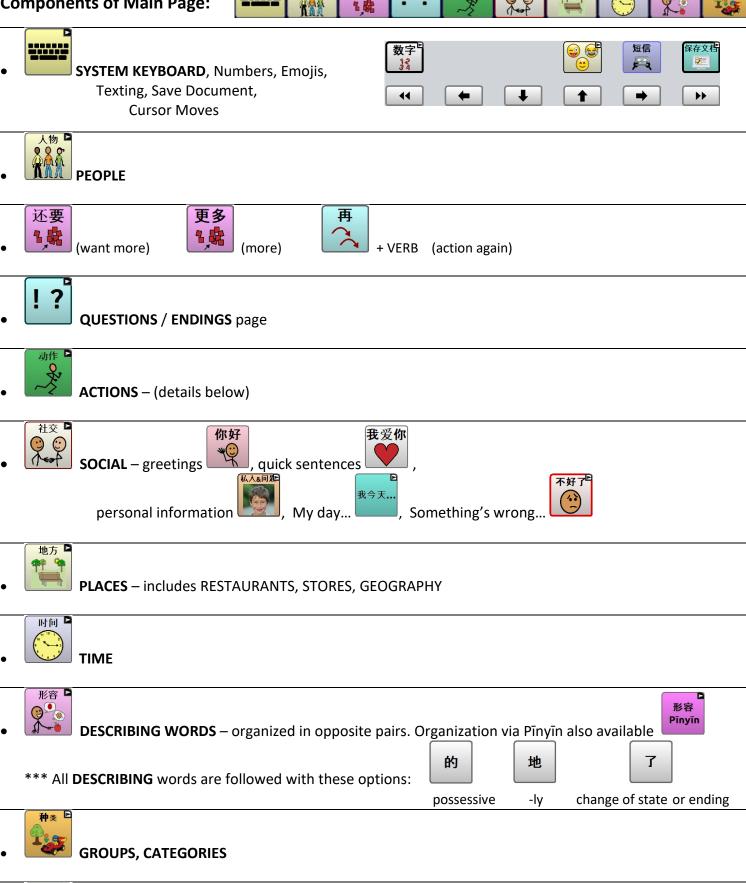
Where are you going? > 你要去哪里?

> You want go where?

I will eat at McDonald's. > 我会去麦当劳吃饭。 > I will go McDonald's eat meal.

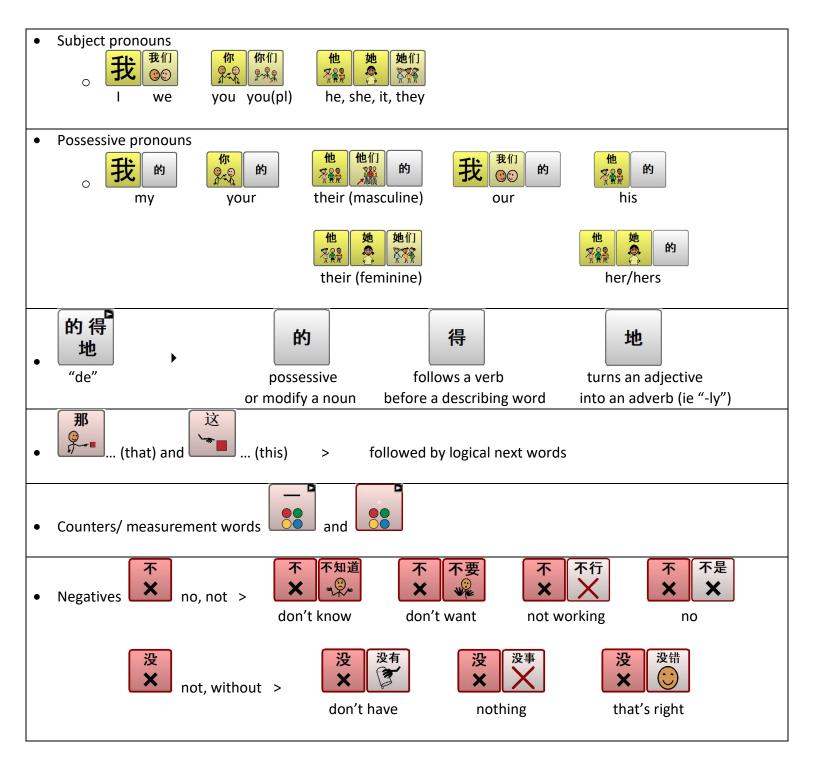
# **Components of Main Page:**





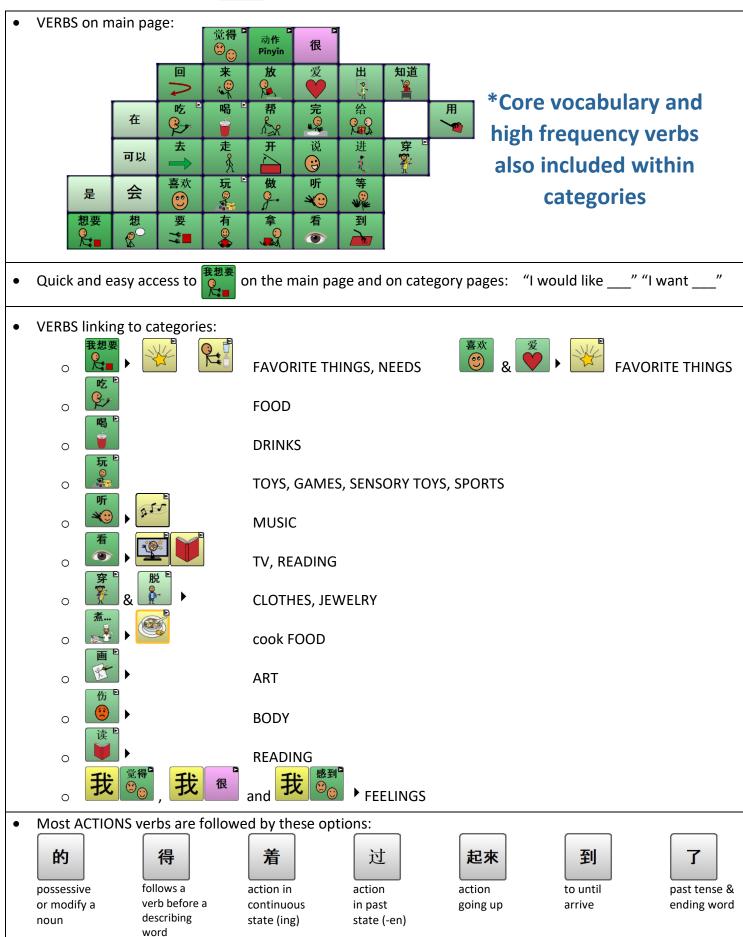
**EXTRA WORDS** 

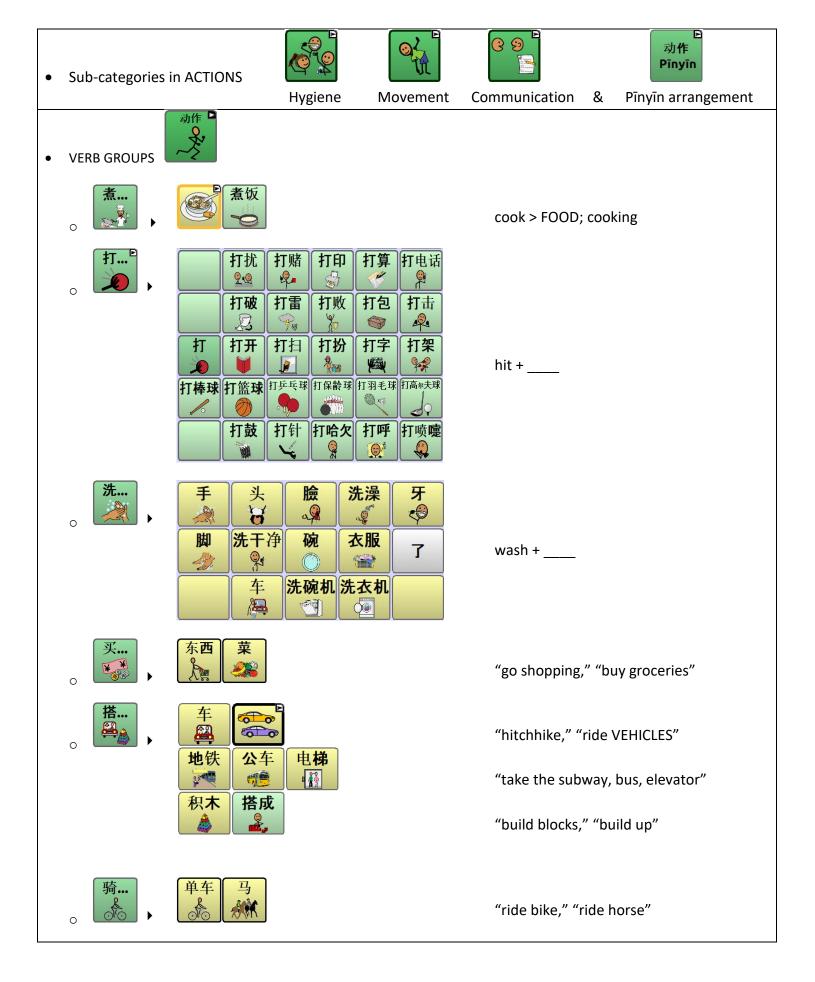
额外词

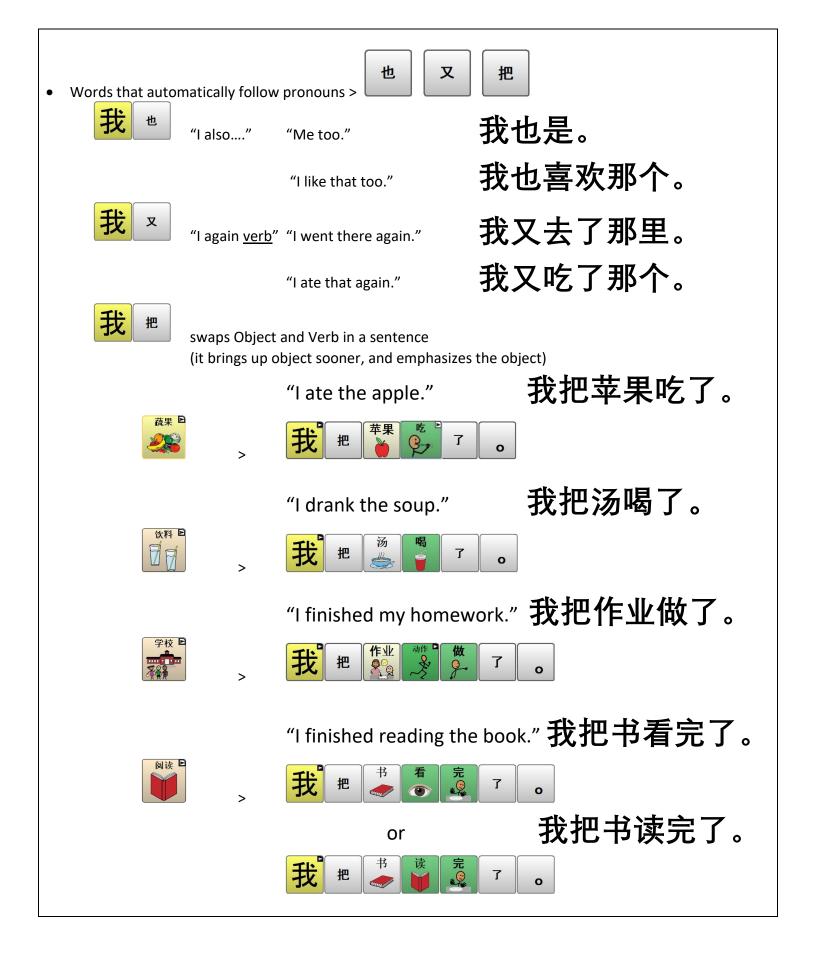


## **ACTION WORDS – VERBS:**

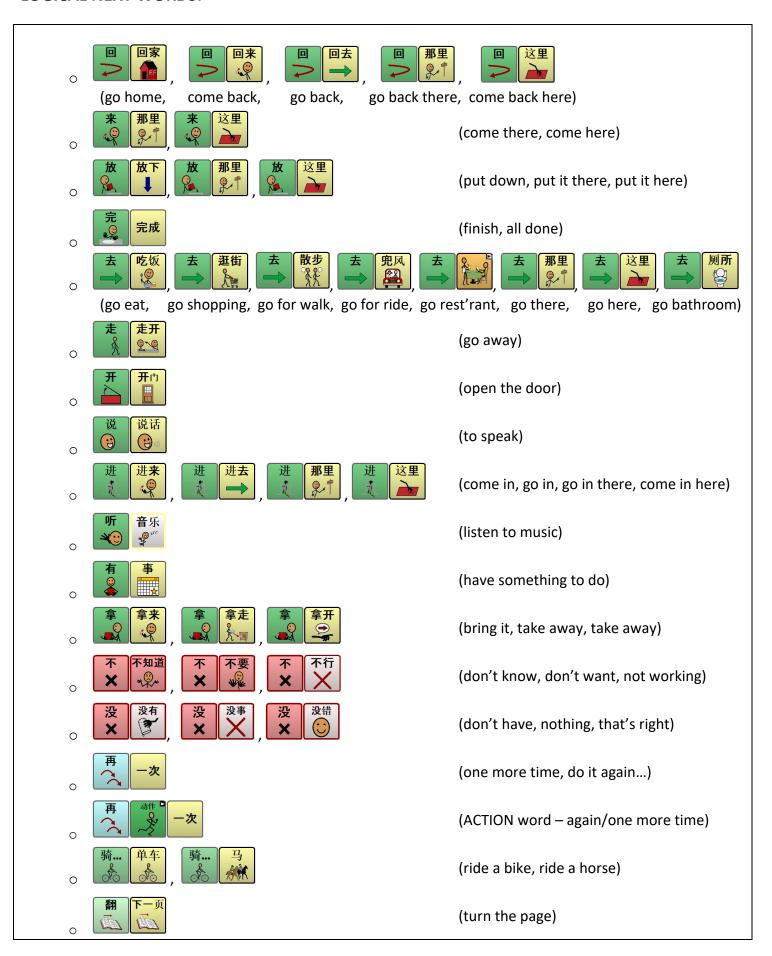








#### **LOGICAL NEXT WORDS:**



#### **PRACTICE SENTENCES:**

我 我会穿衣服。 I will get dressed. 请帮我。 Help me please. 完了。 7 All done. 没了。 All gone. 我到了。 7 Here I am. 我很开心。 I am happy<sup>©</sup>. 我 我觉得热ీ。 I feel hot . 我 我们走(!!)吧! Let's go! 000 我们去外面。 Let's go outside. 音乐 我爱听音乐。 I love listening to music. 休息(一下)。 Take a break. 我想要休息。 I need a break. 我要... 帮忙 休息 a break help 洗... to wash... 上厕所 抱抱 bathroom medicine a hug 充电 钱 charge my device money





### **QUESTIONS:**

Can I have that one? 我可以要那个(12)吗? 可以 那个 吗 Do you have that? 你有那个(12)吗? 那个 Is she going to help? 他 她会帮(!?)吗? What do you want? 你要(12)什么? Will you show me? 你可以做给我看([1])吗? Where are you going? 你去(!!?)哪里? What is she doing? 她在做(12)什么? 222 Why can't I play with him? 我(12)为什么不可以和他玩? 可以 Who is that? 他是谁(12)? 222 Would you like to listen to music? 你要听音乐(11)吗? Which one do you want? 你要(!!?)哪个?

How much does it cost?

这个(12)多少钱?



How much do you need?

你要多少(12)?



When can I go shopping?

我(12)什么时候可以去逛街?



Can you let me see?

你可以让我看一下(12)吗?



#### **CORE VOCABULARY INCLUDED WITHIN CATEGORIES:**

#### **COLORS** -



I want the red please.

My favorite color is purple.

I really like orange.

What color do you want?

我想要红色的。



我最喜欢的颜色是紫色。



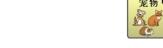
我真的很喜欢橙色。



你想要什么颜色?



#### PETS -



I want to feed my dog.

Can I pet the cat?

She is a mama rabbit.

Do you want to walk the dog?

The turtle is slow.

My dogs are so cute.

I have 2 cats.

我想喂我的狗。



我可以摸这只猫吗?



她是兔子(💇)妈妈。



你想遛狗吗?



乌龟(💆)很慢。



我的狗(學)很可愛。



我有(📴)2只猫。



### ART -



I want to color a picture.

That is good.

Do you like to paint?

She is painting a picture for Dad.

Can I play with the playdoh?

I need scissors and tape.

### **BODY** -

My leg hurts.

No, my stomach is not hurting.

I hurt my finger.

## 我想画画。



很好。



你喜欢画画吗?



她在给爸爸画画。



我可以玩黏土嗎?



我要剪刀和胶布。





## 我的腿很痛。



不痛了。我的胃不痛了。



我伤了我的手指。



### **DRINKS** -



I would like to order a small soda.

Do you want to drink water?

I like to drink hot tea with sugar.

I drank more soup.

She can't drink soda.

我想要点一杯小的汽水。



你想喝水吗?



我想喝加糖的茶。



我喝了更多汤。



她不可以喝汽水。



## FOOD -



I want to eat fried rice and soup.

Do you like dumplings & chicken?

I want to go eat at a restaurant.

What is your favorite meal?

Let's eat pizza with pepperoni.

我想吃炒饭和汤。



你喜欢吃饺子和鸡吗?



我想去餐馆吃饭。



你最喜欢吃什么菜?



我们吃(🍑🍑)红肠披萨吧。



#### **READING** -



I want to read that book again.

I would like to read a magazine.

Do you want to read to me?

What are you reading?

Have you read that book?

我想再读一次那(點)本书。



我想看一本杂志。



你想读给我(<mark>墜</mark>)听(<sup>[1?]</sup>)吗?



你在读什么? /你在看什么?



你有看过那(點)本书(12)吗?



## TV / MOVIES -



I really love to watch cartoons.

Paw Patrol is my favorite show.

Change the channel please.

Do you want to watch TV with me?

What do you like to watch?

我真的很喜欢看卡通。



芝麻街是我最喜欢的电视节目。



请换频道。



你喜欢看什么?



你想和我一起看电视(!!?)吗?



Comparison of co	ore language available from main page  MordPower60普通话 Mandarin					
A DOE PEOPLE OUESTION ACTIONS SOCIAL PLACES TIME	GROUPS DESCRIBE GOOD	动作 口 社交 口 地方 口 时间 口 形容 口 抽* 口				
123 me come that	<b>八十</b> 八十 八十 八十 八十 八十 八十 八十 八十 八十 八 十 八 十 八	来 放 那 这 一 好				
clear to a-	the					
my is eat drink finish get	all at COLORSE O 他 在 吃 G	喝『帮 完 给 和 № 6				
EXTRA it can go help open put	in for On 额外词 你 可以 去	走     开     说     进     里面     外面       ⅓     △     ②     ¾     □     □				
here you like play read stop	out up off 不 是 <u></u> 喜欢	玩 做 听 等 上 都				
yes your no want take tell turn	watch <sup>b</sup> down with 没 我想要 想 要	4     4<				
I like		我 👸				
I don't like	我不喜欢	我來®				
I want +	我想要 / 我想 / 我要	□				
I want to watch with you.	我想和你一起看。	我				
I love to read.	我喜欢看书。	我會				
I am watching TV.	我在看电视。	我 在 看 电视 □				
I am standing.	我站着。	我				
I am going to listen to music.	我要去听音乐。	我 素 ☆ ***				
What do you like to play?	你喜欢玩什么?	你 喜欢 玩 什么 ② 【】				
I am really hungry.	我真的很饿。	我 真的 很 <sup>饿</sup>				
I feel good.	我很好。	我像				
Good job.	很棒。	(表)				
I don't know / don't know	我不知道 / 不知道	我 不知道 x 不知道 x 平知道 x 平 x 平 x 平 x 平 x 平 x 平 x 平 x 平 x 平 x				
I also like (me too)	我也喜欢	我 也 摩茨				
My turn / your turn	到我(了) / 到你(了)	我了/3/7				
Help me.	帮我。	<b>我</b>				
I know.	我知道。	我				
I want / I like to FAVORITE THINGS	我想 / 我喜欢	我 (表 ) (表				

### **SUPPORTS:**



### > Low-tech boards



<Simplified Chinese>

什么	怎么	还 <b>要</b>	更多		人 () () () ()	动作	社交	地方	时间	形容	种类
哪里	谁ぺ	为什么	什么时候 <u>9</u>	吗	很	请	谢谢	问题	现在	坏	好
我	的	得	告诉	觉 <b>得</b> <sup>®</sup> ⊜	<b>开心</b> ◎	伤心	累	痛。	棒 ※	不错	一起
<u>=</u> 3	在	U O	来	放	爱	神田	知道	那个	这个	这里	一点
他/她	可以	吃	喝	帮。	完	给	用夠	煮		和 •	了
你	会	去	走	开 🚣	说 ( <del>)</del>	进	穿	首先	然后	里面	外面
不 <b>X</b>	是	喜欢	玩	做	听	等一下	停	休息		上十	都
没 <b>X</b>	我想要 %∎	想。	要 **	有。	拿	看	读	到	上课	下十	再入



<Traditional Chinese>

什麼	怎麼	還要 1 <sub>9</sub>	更多	******	人	動作	社交	地方	時間	形容	種類
哪裡	誰。	為什麼	什麼時候	嗎	很	請	謝謝	問題	現在	壤	好
我	的	得	告訴	覺得 <sup>®</sup> ⊚	開心	傷心	累	痛。	棒 ※	不錯	一起
它	在	Ve	來	放	愛	出	知道	那個	這個	這裡	一點
他/她	可以	吃	喝	常。	完。	給	用,	煮		和 +	了
你	會	去	走	開	說 (B)	進	穿	首先	然後	裡面	外面
不 <b>x</b>	是	喜歡	玩	做	聽	等。	停	休息		上	都
沒 <b>×</b>	我想要	想。	要 **•	有。	拿圖	看	讀	到	上課	下	再へ



# > Pīnyīn support

	人_rén people 人 人 人 人 人 人	还要_hái yào also	?	党得_jué dé feel ≌⊜	讲_qǐng please 〇	很_hěn be/very	地方_di fāng place	时间_shí jiān time	种类_zhǒng lèi groups
删除_ shān chú clear	我_wǒ "I"	的 得地	□_huí return	来_lái come 心	放_fàng put	那_nà that ④	这_zhè this ~——	—_yī one ○	好_hǎo good
o	他_tā "he she it" 文章	在_zài in at -ing	吃_chī eat	喝_hē drink	#_bāng help	完_wán finish	给_gěi give O	和_hé and	颜色_yán sè color
	你_ni "you" () ()	可以_ kě yǐ can	去_qù go	走_zǒu walk	开_kāi open	说_shuō say <del>谜</del> 編	进_jin enter	里面_lī miàn inside	外面_wài miàn outside L
不_bù no, not <b>X</b>	是_shì be, yes	会_huì can, will	喜欢_xī huān like	玩_wán play 優	做_zuò do	听_tīng listen <b>举</b>	等_děng wait ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	上_shàng up <b>1</b>	都_dōu all ・ナチ
没_méi without/not <b>X</b>	我想要 wó xiáng yáo I would like	想_xiǎng think want	要_yào want	有_yǒu have <del>②</del>	拿_ná take ②	看_kàn look see	到_dào arrive	下_xià down 【	再_zài again



# >Suggested Settings

		ios & T	ouchChat	语力 <b>种</b> 类 <b>Word</b> Power.		
iOS Se	ettings <b>É</b>	TouchChat - Speech		TouchChat - Speak	TouchChat - Buttons	
Settings >		Voice		Speak Characters - OFF	**Show grid - OFF	
Keyboard >	Keyboard > Keyboards >		ne of the e Voices	Speak Words - ON	Button Margin 5 Point	
Suggested	Suggested Keyboards:			Speak Sentences - ON		
	Chinese, Simplified - Pinyin					
	implified - vriting					
	he above when tem Keyboard	*****			bb list, be sure the setting hina mainland)	