1 China Uses DNA to Map Faces

01 Chinese scientists are trying to find a way to use a DNA
02 **sample** to create an image of a person's face.
03 The technology, which is also being developed in the United
04 States and elsewhere, is in the early stages of development
05 and can produce rough **pictures** good **enough** only to narrow
06 a manhunt or perhaps eliminate suspects.
07 In the long term, experts say, it may even be possible for the
08 government to feed images produced from a DNA sample into
09 mass surveillance systems and improve its ability to track
10 criminals.
11 Sketching someone's face based solely on a DNA sample
12 sounds like science fiction. It isn't.
13 The process is called DNA phenotyping. Scientists use it to
14 analyze genes for **traits** like **skin** color, **eye** color and
15 ancestry. A handful of companies and scientists are trying to
16 perfect the science to create facial images sharp and **accurate**
17 enough to identify criminals and victims. The police in North
18 Carolina arrested a man after crime-scene DNA indicated the
19 **killer** had fair skin, brown or hazel eyes, dark **hair** and little
20 evidence of freckling. The man pleaded **guilty**.

2 Verbs

Present	Past	Participle	
01 narrow	narrowed	narrowed	*limitar, estreitar*
02 feed	fed	fed	*alimentar*
03 track	tracked	tracked	*rastrear*
04 sketch	sketched	sketched	*esboçar, rascunhar*
05 arrest	arrested	arrested	*prender, deter*

3 Vocabulary

01	sample	*amostra*	06	accurate	*preciso, exato*
02	enough	*suficiente*	07	killer	*assassino*
03	trait	*traço*	08	hair	*cabelo*
04	skin	*pele*	09	guilty	*culpado*
05	eye	*olho*	10	picture	*imagem, figura*

4 Remember

01	About	*Sobre*	13	However	*Contudo*
02	After	*Depois De*	14	If	*Se*
03	Also	*Também*	15	Meanwhile	*Enquanto Isso*
04	Anyway	*De Qualquer Forma*	16	Moreover	*Além Disso*
05	Otherwise	*De Outra Forma*	17	Nevertheless	*Mesmo Assim*
06	Before	*Antes De*	18	Because	*Porque*
07	Besides	*Além De*	19	Perhaps	*Possivelmente*
08	Despite	*Apesar De*	20	Rather Than	*Ao Invés De*
09	Even	*Até, Mesmo*	21	Such As	*Tal Como*
10	Even Though	*Apesar De*	22	Therefore	*Portanto*
11	Except	*Exceto*	23	Unless	*A Menos Que*
12	Furthermore	*Além Disso*	24	While	*Enquanto*

5 Grammar

DETERMINERS - THIS/THAT, THESE/THOSE
The demonstrative determiners **this/that**, **these/those** point to something that is close or distant. The closeness can be in space or time.
Near: this (singular), these (plural)
Far: that (singular), those (plural)
Look at these example sentences:
I like this food.
I use these pens.
I have to do it this morning.
We don't meet these days.
Look at that big cloud.
Can you see those birds?
Do you remember that man we met last week?
Those days on holiday were enjoyable.

6 S.V.O.

	01		02		03		04
+	I	+	I	+	YOU	+	YOU
-	ALWAYS	-	SHOULD	-	USUALLY	-	WOULD
?	YOU	?	YOU	?	ME	?	ME

	05		06		07		08
+	HE	+	HE	+	SHE	+	SHE
-	OFTEN	-	COULD	-	SOMETIMES	-	CAN
?	HER	?	HER	?	HIM	?	HIM

	09		10		11		12
+	WE	+	WE	+	THEY	+	THEY
-	SELDOM	-	MUST	-	NEVER	-	MAY
?	THEM	?	THEM	?	US	?	US

7 Conversation

01 What do your mother and father look like? How about your grandparents?
02 What do you and your family like to do together?
03 What is the best memory you have of your family doing something together?
04 What kind of things do you do with your family?
05 What will you teach your children?

8 Questions

01	02	03	04	05
HOW	WHERE	WHEN	WHAT	WHY
DO	MUST	DID	MAY	DOES
YOU	YOU	YOU	YOU	HE

06	07	08	09	10
HOW	WHERE	WHEN	WHAT	WHY
WILL	CAN	SHOULD	WOULD	COULD
YOU	YOU	YOU	YOU	YOU