

《整全教育中文》课件共享注意事项

如同每位老师都有自己的风格与特点一样，每位学生也都有自己的个性与专长，每个中文班的情况也可能不完全一样。因此，一位老师制作的课件不见得能适用于所有的课堂。建议老师们在选用其他老师课件的同时，最好根据各自班级学生中文程度与兴趣爱好适当地调整、补充。

比如：低年级的学生比较喜欢彩色汉字，一些学生喜欢写字，一些学生喜欢画画，一些学生喜欢唱歌；中高年级的学生有的需要拼音和英文解释帮助认读生字、理解句子，有的喜欢玩点游戏，有的喜欢有挑战性的东西……

面对多样性，需要通过差异化教学来协调。愿每位老师因地制宜，精心设计出更有针对性、更完美的课件。

此课件由新生命中文学学校王皓制作。我们也希望群策群力、集思广益，让课件更加完美。

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第15课 消化

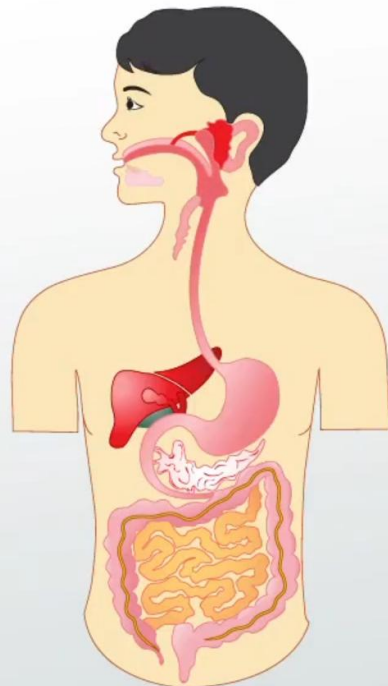


01

什么是消化？

Digestion = 消 + 化

MASTICATION, BOLUS, DIGESTION



Digestion

the mechanical and biochemical process of breaking down foods into substances that can be absorbed by the body



02

猜谜语

一朵红花头上戴，
一件花衣身上盖。
天还没亮就起床，
唱得太阳升起来。

(猜一种动物)



谜底

画鸡

头上红冠不用裁，
满身雪白走将来。
平生不敢轻言语，
一叫千门万户开。
(唐寅，明)



鸡为什么吃沙子

阅读方法：

KEY WORDS

• Guessing
• Prediction






03

课文：第一段


小明的奶奶住在乡下，家里养了一群鸡。学校放假后，小明去奶奶家玩。一天，他看见几只鸡在院子里吃沙子，觉得很奇怪，就去问奶奶：鸡为什么要吃沙子。



Phenomenon:
Chicken eat grit.



Question:
Why?



Guess:
What will be
next?



03

课文：第二段

奶奶说，有牙齿的动物，比如人、猫、狗在吃东西的时候，先用牙齿把食物咬碎，然后再吞到胃里，这样容易消化。

Reason:
Have teeth

Consequence:
Easy to digest

Guess:
What will be
next?



03

课文：第二段

但是，鸡、鸭、鸟儿都没有牙齿，
食物没有被咬碎就吞下去了。有些
大的或硬的食物，在胃里不容易被
消化。怎么办呢？

Reason:
No teeth

Consequence:
Hard to
digest.

Question:
How to
solve it?

Guess

03

课文：第二段

它们找沙子吃。这些吃进胃里的沙子和食物混在一起，随着胃的蠕动，就把食物磨碎了。

Solution:
Grit replace teeth

Bingo!





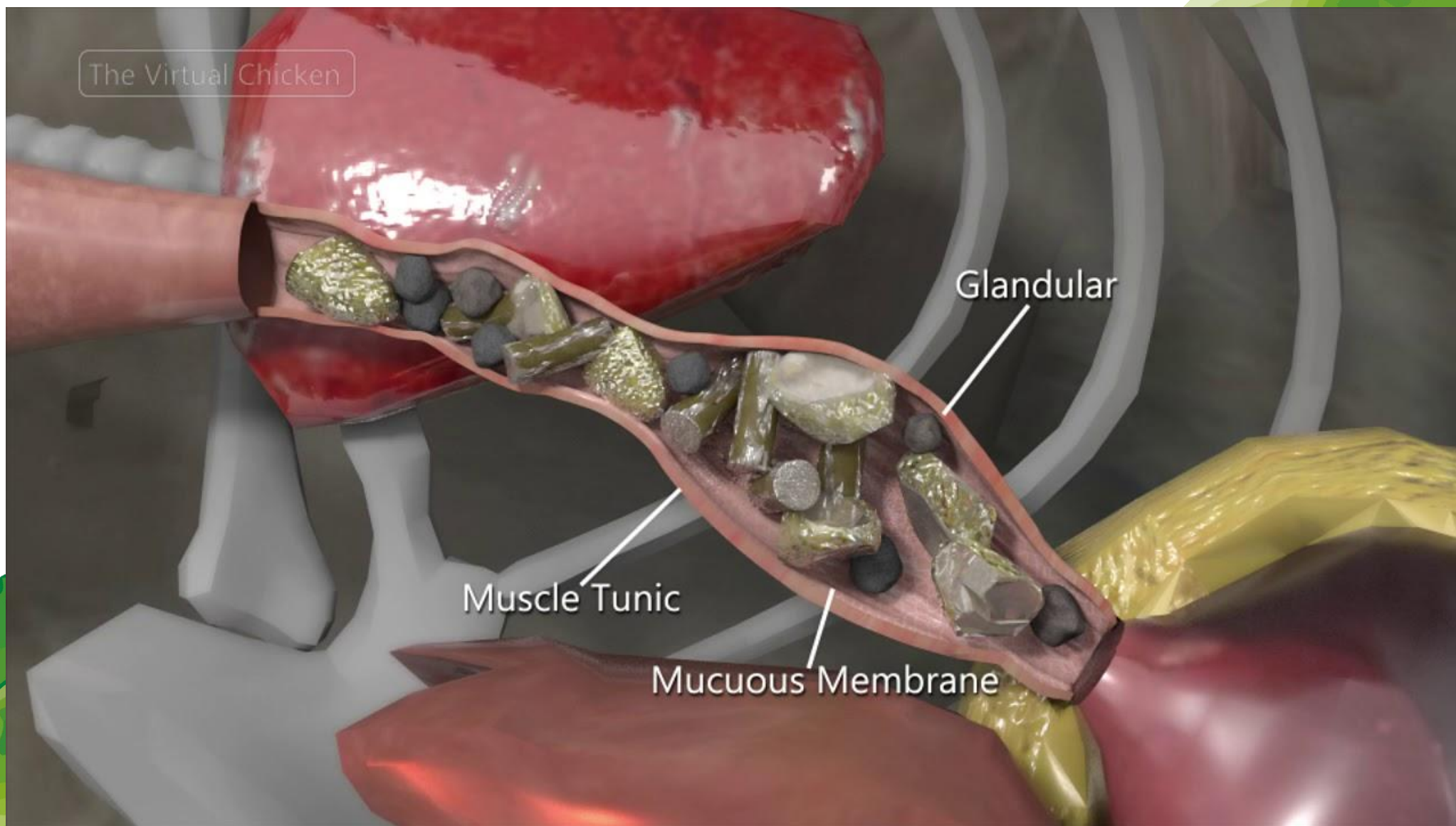
03

Outline

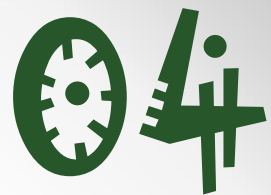
1. 奇怪的事：
几只鸡在院子里吃沙子。
2. 好奇提问：
鸡为什么要吃沙子？
3. 外婆的解释：
牙咬碎的食物容易消化。
鸡没有牙齿。
鸡胃里的沙子用来磨碎食物。



The Virtual Chicken



<https://youtu.be/n3BW6m1HyII>



观察实践和观察记录

主题：沙子

1. 收集不同地方的沙子。
2. 用放大镜观察不同的沙子。
3. 找到这些样品之间的差别。
4. 记录在《我的观察记录》中。

