



rethinking student motivation

my experience as an online education analyst

Ivan Wong



edore^{Beta}

 Outwhiz

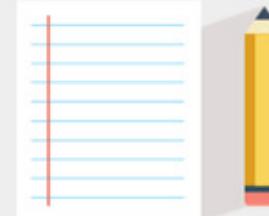
English

简体中文

繁體中文

edore Beta

Discover Common Core assessment
and practice exercises that resonate
with students and boost achievements.

[View our Common Core Exercises](#)

Not on Common Core? Everything works the same way. [Learn more.](#)

Why you'll love Edore

Help your students connect learning with their real lives and interests.

When we start transforming a multiplication problem into a football question, students begin to see beyond formulas into why they should care.





Common Core Math

[switch to ELA](#)

Assign these sets to your class for assessment and practice.
Want your exercises featured? Tag them as #commoncore.

$1+2 = ?$

"For the things we have to learn before we can do them,
we learn by doing them." - Aristotle

All | Grade 3 | Grade 4 | Grade 5 | Grade 6 | Grade 7 | Grade 8

Grade 3

[view more !\[\]\(cbd8541a32dfc32f356f5c6c994b0a21_img.jpg\)](#)

Common Core Grade 3 Math -
Assessment 1

8 exercises



Common Core Grade 3 Math -
Rounding & Place Value

6 exercises



Common Core Grade 3 Math -
2-Step Word Problems

4 exercises

Grade 4

Grade 4

[view more](#)



Common Core Grade 4 Math - Assessment 1

8 exercises



Common Core Grade 4 - Multiplication & Multiples

5 exercises



Common Core Grade 4 - Division, Factors, Remainder

5 exercises

Grade 5

[view more](#)



Common Core Grade 5 Math - Assessment 1

8 exercises



Common Core Grade 5 Math - Decimals & Place Value

10 exercises



Common Core Grade 5 Math - Expressions

4 exercises



5 EXERCISES

Common Core Grade 4 - Multiplication & Multiples

[Assign](#)[Like](#)

0

[Share](#)

Tom Stinson

I breathe, love and teach Math.
Love the NBA an...



Miguel Cabrera and More Home Runs

Check out Miguel Cabrera's home run numbers. Aligns with Common Core Math 4.OA.2 (multiplicative comparison).

[math](#) [common core](#)
[miguel cabrera](#) [mlb](#) [4.oa.2](#)
[multiplicative comparison](#)



Tom Stinson



Monsters University - Mike Works Hard

It's a new academic year at Monsters University and Mike Wazowski is working hard. Aligns with Common Core Math 4.OA.2 (multiplicative comparison).

[math](#) [movies](#)
[common core](#)
[monsters university](#) [4.oa.2](#)



Minions and a Banana Party (2)

Not all minions eat an equal number of bananas. Aligns with Common Core Math 4.OA.2 (distinguishing multiplicative comparison from additive comparison).

[math](#) [despicable me](#)
[movies](#) [common core](#)
[4.oa.2](#)
[multiplicative comparison](#)



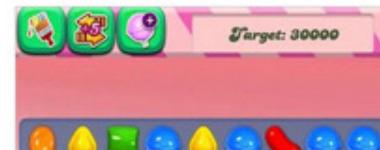
Monsters University - Mike vs Sulley

Math isn't as scary as monsters after all. Aligns with Common Core Math 4.OA.4 (understanding multiples).

[math](#) [movies](#)
[common core](#)
[monsters university](#) [4.oa.4](#)



Sandra Watson



Like this set of exercises? Assign it to your class now.

Assign this set

Minions and a Banana Party (2)

Adapted from [tomstinson](#) / Minions and a Banana Party

Despicable Me - Mini-Movie 'Banana' Preview



Miguel
Home Run

Check out N
run number
Core Math
comparison

math
c
miguel cat
multiplicati

To

Gru has brought a bunch of bananas to his lab. It is the first time though, that he realizes his minions (Luke, Mary and Simon) have different appetites.

Luke can eat 15 bananas. Mary can eat 9 bananas more than Luke can, but Simon can eat 3 times as many bananas as Luke can eat.

How many bananas can Mary eat?

 bananas

How many bananas can Simon eat?



Tom Stinson

I breathe, love and teach
Math. Love the NBA an...



Not all minions eat an equal number of bananas. Aligns with Common Core Math 4.OA.2 (distinguishing multiplicative comparison from additive comparison).

[math](#) [despicable me](#) [movies](#)



- Mike vs

nsters
mon Core
ing

Loa.4

n

get: 30000



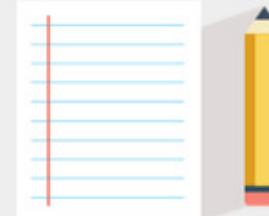
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Why you'll love Edore

Help your students connect learning with their real lives and interests.

When we start transforming a multiplication problem into a football question, students begin to see beyond formulas into why they should care.





edore Beta

發掘有趣的教育練習和評估，引發學生共鳴和提高成績。

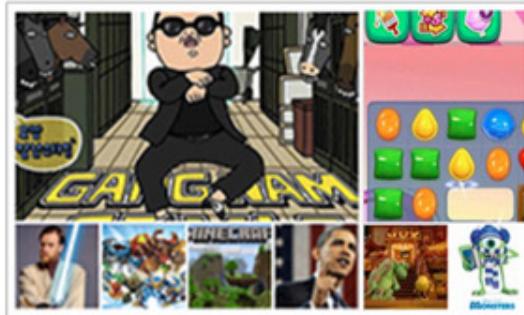
[看看課程組合](#)

能容納不同國家的課程，功能一應俱全。[了解更多.](#)

為何您會喜愛 Edore

幫助您的學生，將學習應用到日常生活和個人興趣上。

當我們將抽象的乘數問題轉化成一個有關足球的具體問題，學生就能從單純背誦公式的層面，昇華到能學以致用的層面。



提升學生能力和成績。

使用我們的美國 Common Core 評估和練習，以增強學生積極性和準備。不是由



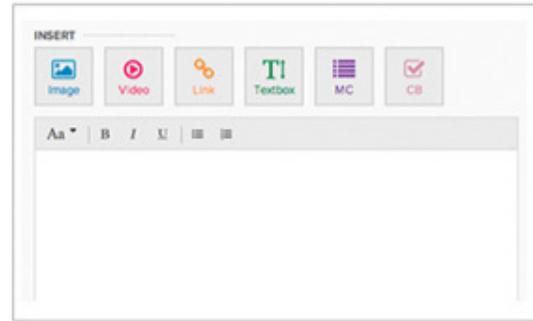
提升學生能力和成績。

使用我們的 美國 Common Core 評估和練習，以增強學生積極性和準備。不是用 Common Core？沒問題。無論您身處世界哪一個角落，您都可發掘和創作您喜愛的練習，滿足您的課堂需求。

更有效率地批改功課，更多時間放到學生身上。

分派的練習可作為網上功課或補充練習，由系統自動批改，為老師們省下時間和資源。了解更多.

		+ Add assignments						
		Students						
Activity (2)								
Activity - We Like Cake								



在同一個開放平台教學和學習。

任何人，包括教師、學生、學校和企業，都能夠創作練習。如果老師創作練習並鼓勵學生這麼做，學生就能從教學中學習，學以致用。

在 Edore，您可以



收藏並管理

將練習收藏成為組合。組合可以用作功課或收集靈感的資料夾。



改編練習

從社群中提取好的練習。改編教材和練習去針對學生所需。



創作您的

為您的學生和其他人創作練習。成就別人，也是成就自己。

我們在乎您。



教育工作者和教師

擴展您的社交網絡，與世界各地的教育工作者聯繫和交流。



您！

學生，終身學習者，任何對教學和學習有熱誠的人。

加入一起激勵學生的使命團

translation

from good to great

1

2

3

4

5

6

	good	great
login	登入	登錄
logout	登出	退出
collect	收集	收藏
follow	跟隨	關注
following	跟隨中	粉絲
liked	喜愛	讚好



translation
sometimes it's about
the smallest details

- 1
- 2
- 3
- 4
- 5
- 6

1

2

3

4

5

6

translation

sometimes it's about

the smallest details

會 = will

你會喜愛的數學 ✓

Outwhiz 會提供一系列的工具 ✕

translation

context and logic

next → ?

下一個

下一步

下一頁

- 1
- 2
- 3
- 4
- 5
- 6

Outwhiz Method[Educational Philosophy](#)[Motivating Students](#)[Insights](#)[Curriculum & Enrollment](#)[Founders](#)[FAQ](#)[Contact](#)**The Outwhiz Method****Math Program for the Internet Age**

Outwhiz is an academic program for the Internet age.

Instead of working on printed worksheets and getting them graded later, Outwhiz students solve Math problems online and learn from immediate feedback.

The Outwhiz Advantage

The Outwhiz Advantage consists of three pillars:

1. An [educational philosophy](#) based on students pacing themselves and mastering topics, supported by technology
2. [Motivating students](#) differently depending on their unique needs
3. Putting [insights](#) on student learning at parents' fingertips

[Next: Educational Philosophy](#)

Outwhiz 學習模式[教學理念](#)[激勵學生](#)[深入了解](#)[課程及報名](#)[創辦人](#)[常見問題](#)[聯絡](#)**Outwhiz 學習模式 (The Outwhiz Method)****互聯網時代的數學課程**

Outwhiz 是互聯網時代的學習課程。

與其做一張張印刷好，有限的工作紙並等待之後評分，Outwhiz 的學生在網上做數學練習，並從即時評分中學習。

Outwhiz 的優勢

Outwhiz 的優勢由三大支柱組成：

1. 一個由學生主導學習進度和以精通課題為目標，並採用現代科技的
[教學理念](#)
2. 取決於學生的個人所需，用不同方式[激勵學生](#)
3. 幫家長充分掌握和分析[學生的學習進度和成績](#)

[下一页: 教學理念](#)

translation

keep it simple

think about your audience!

kids need the simplest prompts



- 1
- 2
- 3
- 4**
- 5
- 6

translation

keep it simple



think about your audience!

kids need the simplest prompts

- 1
- 2
- 3
- 4
- 5
- 6

並非 → 不是

遞交 → 提交

不清楚 → 不明白

1

2

3

4

5

6

translation some difficult ones

privacy → ?

個人資料 私隱

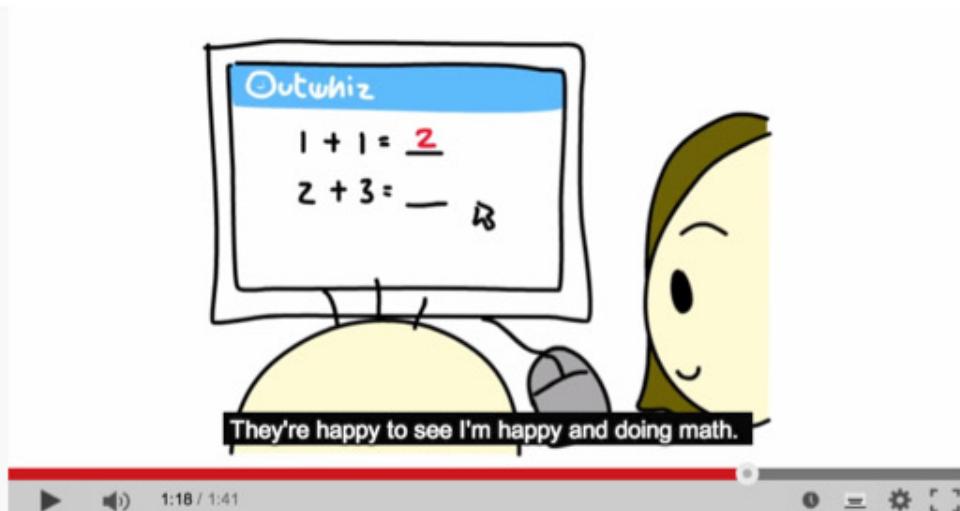
motivate → ?

激勵 鼓舞 鼓勵 勉勵

translation

javascript guided tour

- 1
- 2
- 3
- 4
- 5
- 6



Learn more:

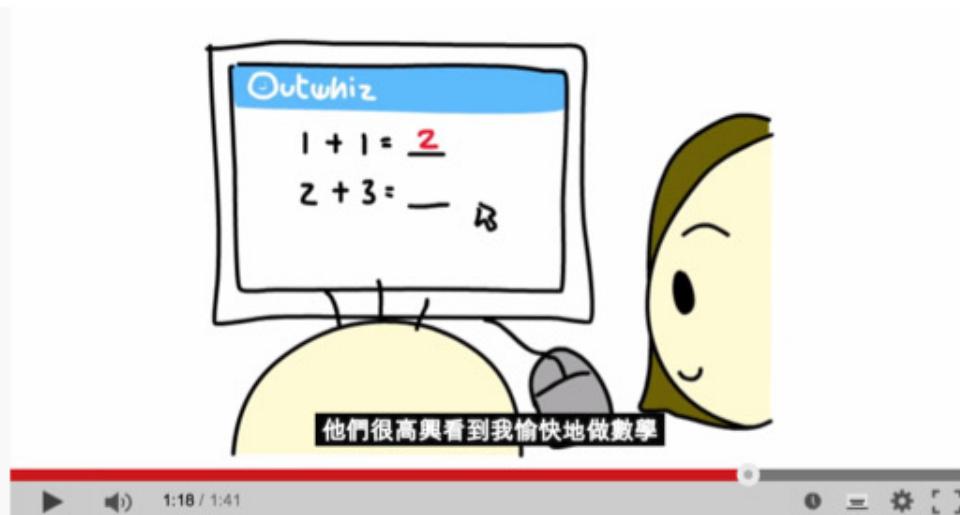
I'm a Student

I'm a Parent

translation

javascript guided tour

- 1
- 2
- 3
- 4
- 5
- 6



了解更多 :

我是學生

我是家長

1

2

3

4

5

6

7

curriculum

research and brainstorm



edore

translation

curriculum

reflection

curriculum research and brainstorm

Identifying Nouns
Common vs. Proper Nouns
Singular vs. Plural Nouns
Possessive Nouns
Possessive Pronouns
Reflexive Pronouns vs. Inflexive
Pronouns
Personal Pronouns
Relative Pronouns
Agreement with Antecedent
Vague Pronoun References
What Kind or How Many
Comparison of Adjectives
Order of Adjectives
Action Verbs
Subject/Pronoun-Verb Agreement
Linking Verbs
Simple Present Tense
Present Continuous Tense
Present Perfect Continuous Tense
Simple Past Tense
Past Continuous Tense
Past Perfect Tense
Simple Future Tense
Future Continuous Tense
Future Perfect Tense
How, When or Where
Adverb vs. Adjectives
Prepositions of Time
Prepositions of Place
Prepositions After Words/ Phrase
Prepositions
Prepositions Before Words
Expressions Without Prepositions
Identifying the Objects of Preposition
Prepositional Phrases
Coordinating Conjunctions

Subordinating Conjunctions
Corelative Conjunctions
Sentence Types
Subject and Predicate
Sentence vs. Fragment vs. Run-on
Alphabetical Order
Using Guide Words
Using Dictionary Entries
Selecting Dictionary Definitions
Identify Base Words, Prefixes and Suffixes
Prefixes
Suffixes
Greek and Latin Roots
Synonyms
Antonyms
Compound Word
Homophones
Shades of Meaning
Multiple-Meaning Words
Idioms
Collocations
Phrasal Verbs
Other Fixed Expressions
Frequently Confused Words
Names, Occasions, Places
Letters [Greetings and Closings]
Titles
Full Stop
Comma
Question Mark
Exclamation Mark
Apostrophe
Colon
Semicolon
Dash
Ellipsis

Slash
Quotation Marks
Focusing and Linking
Balancing Contrasting Points
Emphasising Contrast and Comparison
Similarity
Concession and Counter-argument
Contradicting
Dismissal of Previous Discourse
Change of Subject
Return to Previous Subject
Listing and Structuring
Adding
Generalizing
Giving Examples
Logical Consequence
Making Things Clear, Giving Details
Softening and Correcting
Gaining time; Fillers
Showing One's Attitude to What One is Saying
Persuading
Referring to the Other Person's Expectations
Summarizing and Concluding
Building on Previous Section*
Giving Reasons*
Forms of 'do'
Forms of 'have'
Forms of 'be' and Review on Linking Verbs
Modal Verbs
Pronoun-Verb Contractions
Contractions with 'not'
0 Conditional
1st Conditional

2nd Conditional
3rd Conditional
Text Types
Strategies to Understand New Words
Tone of Writing
Identifying Purpose
Figures of Speech
Sonic Devices
Elements of Prose
Elements of Drama
Elements of Poetry
Skimming
Scanning
Summarising
Tracing and Evaluating Arguments
Fact or Opinion
Logical Reasoning and Inferencing
Structuring
Interpreting Charts
Analyzing Multiple Accounts
Word Choices
Listening - Everyday Conversation
Listening - Everyday Monologue
Listening - Academic Conversation
Listening - Academic Monologue
Reading - Diagram Label Completion
Reading - Matching Information
Reading - Identifying Writer's Views
Reading - Matching Features
Reading - Matching Headings /
Reading to Learn
"Reading - Multiple Choice Questions
Reading - Inserting Sentences
Reading - Table Completion
Writing - Descriptive Report
Writing - Argumentative Essay

- 1
- 2
- 3
- 4
- 5
- 6
- 7

curriculum research and brainstorm

Identifying Nouns
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Possessive Pronouns
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Writing - Descriptive Report
Writing - Argumentative Essay

- 1
- 2
- 3
- 4
- 5
- 6
- 7

40+ topics

curriculum

data modeling

subjects

categories

20-30 areas

140 topics



exercises

- 1
- 2
- 3
- 4
- 5
- 6
- 7

curriculum

data modeling

subjects

categories

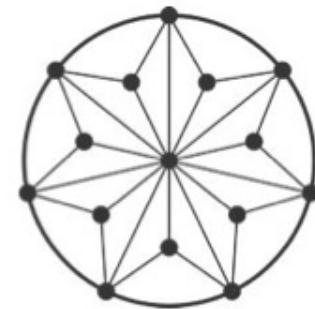
20-30 areas

140 topics



exercises

building the
right structure



- 1
- 2
- 3
- 4
- 5
- 6
- 7

curriculum

data modeling

- 1
- 2
- 3
- 4
- 5
- 6
- 7

subjects

english

categories

grammar

20-30 areas

tenses

140 topics

simple past tense

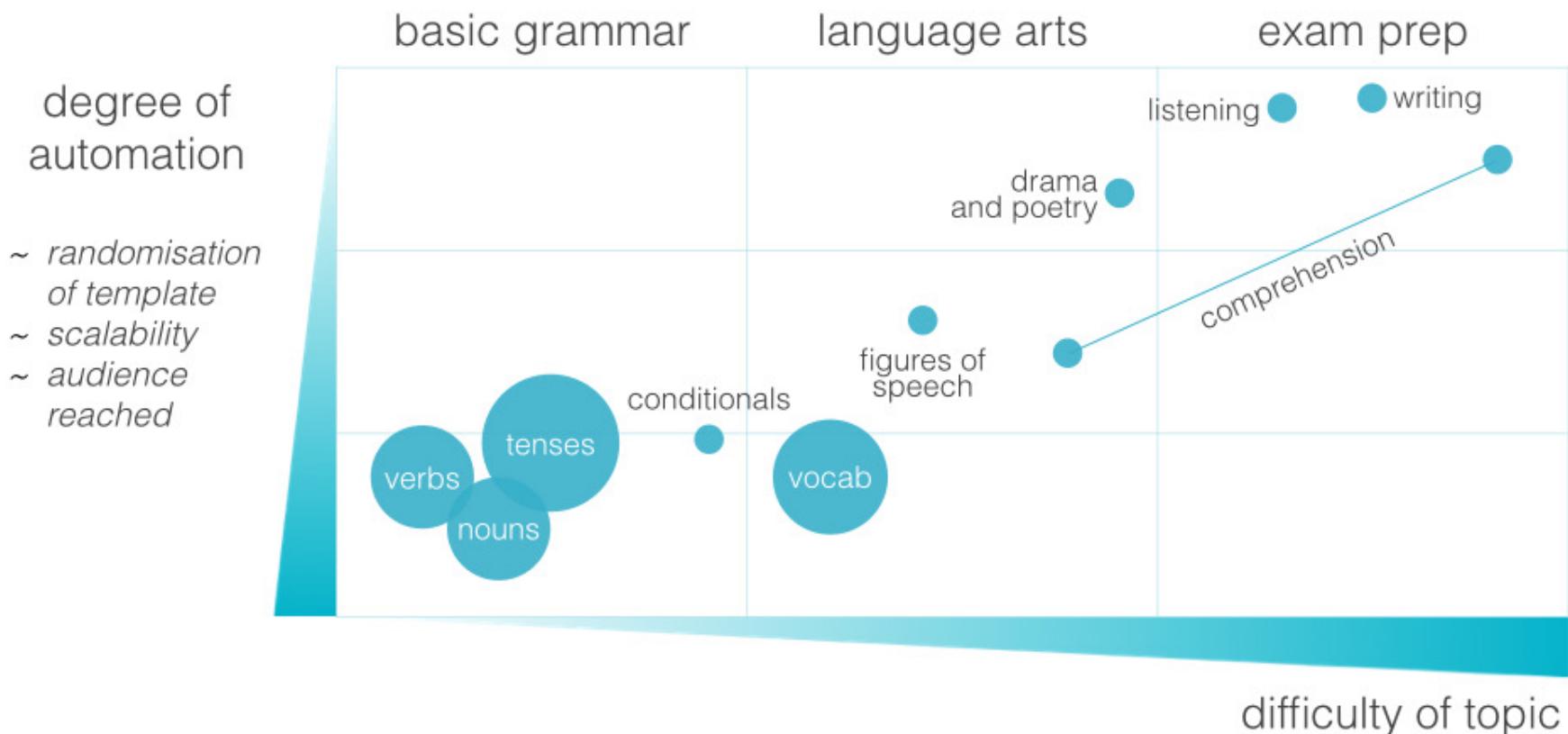


exercises

what is the
past tense of **run**?

curriculum automation

1
2
3
4
5
6
7



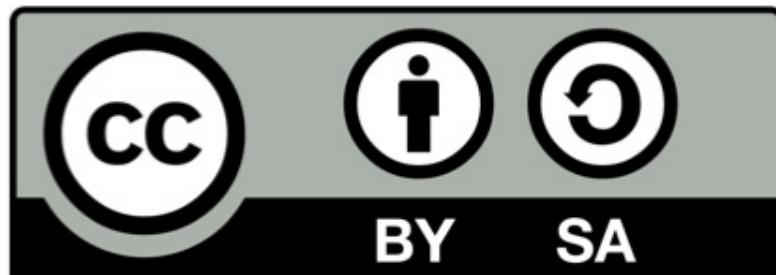
curriculum

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Outwhiz



- 1
- 2
- 3
- 4
- 5
- 6
- 7

curriculum disrupt and restructure



reframing education in
topics students love

improve mastery through
applying knowledge

an open platform for
the world of educators



achieve and grow
under self-paced curriculum

incentives through
reward store

compete on the leaderboard
and hall of fame

- 1
- 2
- 3
- 4
- 5
- 6
- 7

curriculum leveling

initial assessment and slotting

parents are anchored by age and grade

but different countries have different standards!

- 1
- 2
- 3
- 4
- 5
- 6
- 7

curriculum leveling

initial assessment and slotting

parents are anchored by age and grade

but different countries have different standards!

- 1
- 2
- 3
- 4
- 5
- 6
- 7

difficulty slider

a checklist of
topics

create 10 sentences and
test which do you understand

curriculum leveling

initial assessment and slotting

parents are anchored by age and grade

but different countries have different standards!

difficulty slider

a checklist of
topics

create 10 sentences and
test which do you understand

we can do all at the same time,
but is it confusing to the user?

- 1
- 2
- 3
- 4
- 5
- 6
- 7

curriculum small details again...

nuances for kids:

questions in bigger font seem easier

when asking A or B, make A the simpler option

- 1
- 2
- 3
- 4
- 5
- 6
- 7

reflection

finding the right pedagogy

which is the correct model?

exercise with optional hint?

learn then practise?

subtle difference:

it's not a drill, there's a persons with you

middle ground? can it be applied in general?

reflection

finding the right pedagogy

grammar is a **framework** that you get in and out

the beauty in online education is **self-learning**

the biggest education problem is **motivation**

reflection

finding the right pedagogy

grammar is a **framework** that you get in and out

the beauty in online education is **self-learning**

the biggest education problem is **motivation**

*can we help students see the beauty in knowledge,
and not just motivate them with a toy?*

reflection

next steps



developing the chinese curriculum



growth hacking





rethinking student motivation

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Ivan Wong

