



成都教科院

Chengdu Research Institute of Education Science

# The Practices of Chengdu

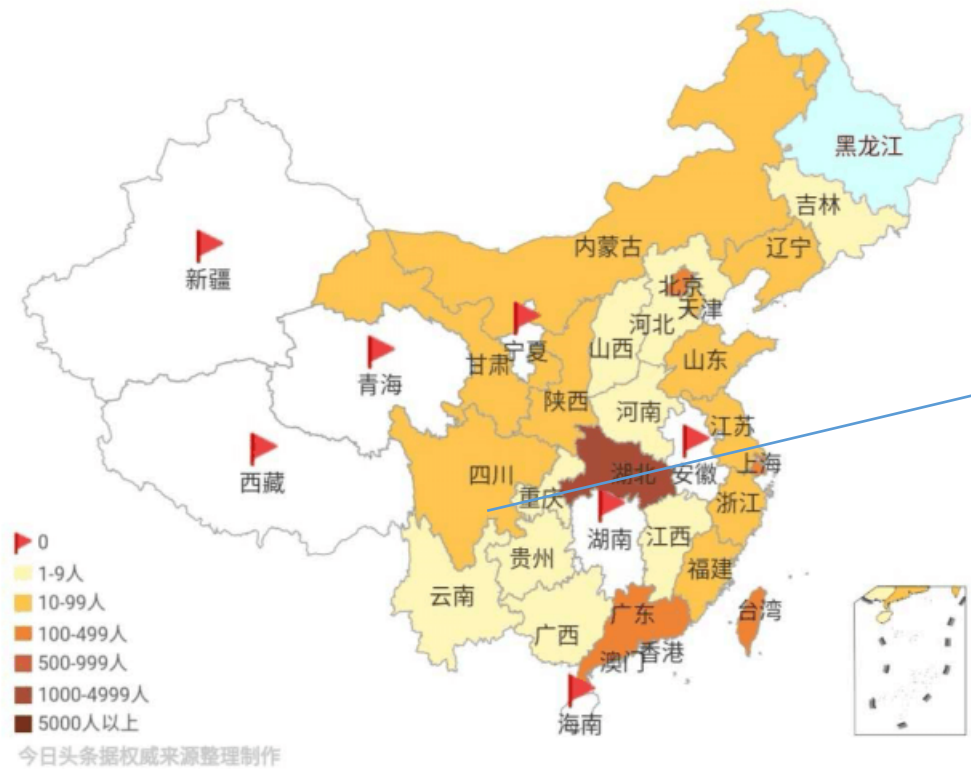
Yan Wang

Chengdu Research Institute of Education Science



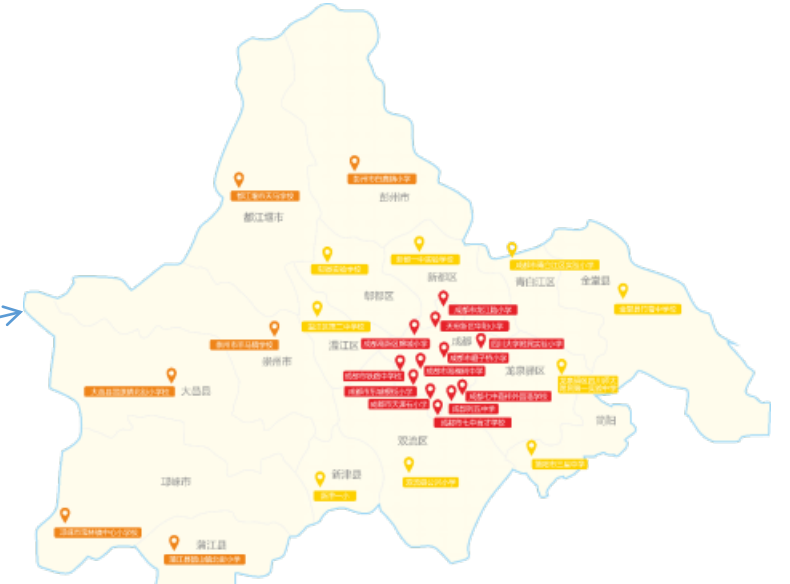
# The City of Chengdu's Basic Situation

昨日+数据：根据国家和省市卫健委数据实时更新 ②



现有确诊

累计确诊



## Chengdu of Sichuan Province

- A city with over 20 million residents including 3.3 million students in campus
- 155 confirmed cases of the COVID-19 infections in the past 3 months
- Providing disrupted online courses for all learners for free

China's Epidemic Situation on MARCH31TH

# CONTENT

- PART 1 What we have done to assist the disadvantaged groups
- PART 2 How we implemented the undisturbed learning experience with our disturbed school and especially with the typical case of the online digital school

# Part 1 Measures for disadvantaged groups

- No.1 The prevention and control measures in Chengdu during the COVID-19 epidemic period got more refined.
  - the vulnerable groups like the elderly and disabled people who are living alone, it's allowed for their children or specific caregivers, who has normal body temperature and have no contact history to any infected person in the past 14 days, to visit and take care of them
  - community staffs gave calls to inquire the life needs of the vulnerable groups every day, such as masks, medicines, vegetables and fruits. Also, our volunteers were arranged to provide door-to-door services for them every day
- No.2 Grant subsidies were given to low-income groups in city-wide
  - Chengdu municipal government issued a one time subsidy of 300 Yuan per person
  - Citizens who are available for this subsidy includes the orphans, children in poor households or without guardians, the unemployed people and homeless people

# Part 1 Measures for disadvantaged groups

- No.3 Care for children of medical workers
  - Government provides the front-line medical workers a priority to choose the ideal school for their children according to their wishes
  - Provide opportunities of free further education to the front-line workers to upgrade their academic qualifications after the epidemic
  - Enterprises in Sichuan have set up the “special caring fund for medical staff’s children”
- No.4 Pay more attention to mental health
  - Set up a 24 hours hotline
  - Providing some psychology online courses
  - Offer abundant interesting learning resources (For physically challenged children, we have conducted vocational skills and rehabilitation training)

# Part 2 How we ensure all the students' access to online learning and get the good quality education

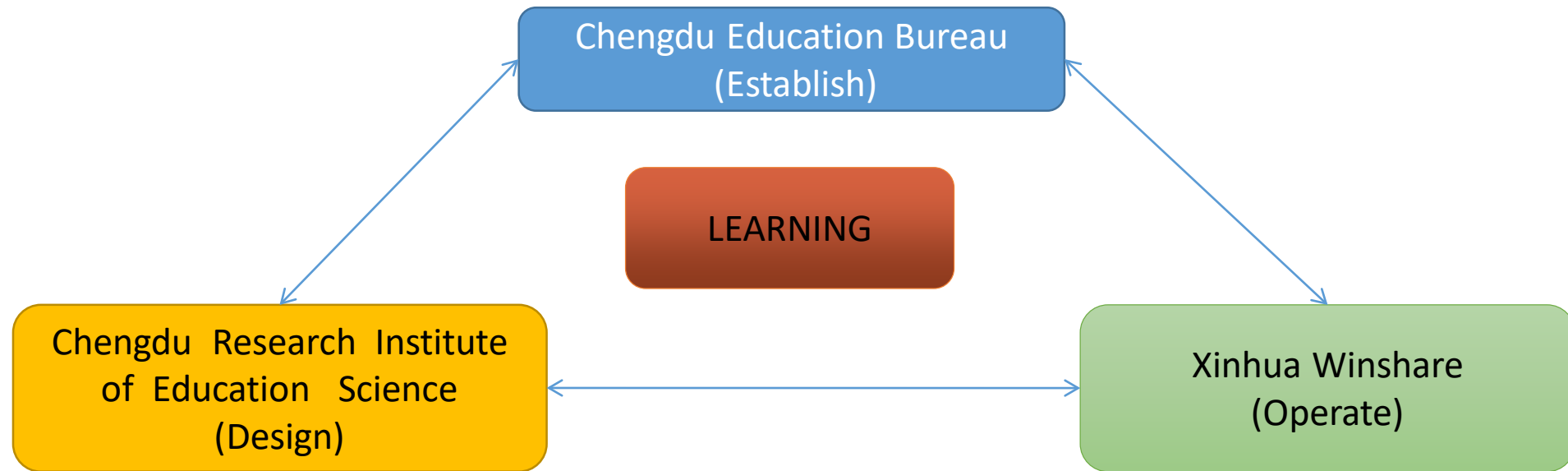
- One is to ensure every student can learn online
  - Step1.The local government of 22 counties took actions to build the 4g fundamental equipment to make sure students can connect to the high-speed internet
  - Step2.To find out the students who don't have devices like smartphome, tablets, pc or TV
    - Teachers emailed them textbooks and guide them through telephone
    - Some schools even provide devices with internet services to their students or help them access to the network television services for free
  - Step3. Internet Service Providers (ISP) increases teachers and students network bandwidth to 300 megabits per second for free
  - Step4.Sichuan TV Station pushed out a free educational program

# How students get quality personalized learning resources to meet individual academic needs

## -CHENGDU DIGITAL SCHOOL



- A Municipal Network Education Platform Officially Launched in July 2017



# CHENGDU DIGITAL SCHOOL

## COURSES OFFERED DURING THIS EPIDEMIC

During the pandemic prevention period, it imitated the normal order of teaching and learning process and provided live classes for nearly 15 million students in Sichuan province for free

36 subjects

596 quality courses



P.E



Mental online course

数字学校初三课程表 (2020年3月)								数字学校高三 (理科) 课程表 (2020年3月)							
日期	星期一	星期二	星期三	星期四	星期五	备注	日期	星期一	星期二	星期三	星期四	星期五	备注		
早读	8:00-8:30	早读	早读	早读	早读	早读	自主	早读	7:50-8:10	早读	早读	早读	早读	早读	自主
第一节	8:30-9:10	英语	语文	数学	语文	英语	直播	第一节	8:10-8:50	语文	数学	英语	英语	语文	直播
第二节	9:25-10:05	语文	数学	物理	英语	历史	直播	第二节	9:05-9:45	数学	英语	语文	物理	英语	直播
	10:05-10:35	课间操					自主		9:45-10:15	课间操					自主
第三节	10:35-11:15	数学	英语	英语	化学	物理	直播	第三节	10:15-10:55	英语	语文	数学	语文	数学	直播
	11:15-11:30	眼保健操					自主		10:55-11:10	眼保健操					自主
第四节	11:30-12:10	道德与法治	化学	道德与法治	数学	语文	直播	第四节	11:10-11:50	物理	化学	生物	数学	化学	直播
第五节	14:20-15:00	物理	心理健康	语文	音乐	数学	直播	第五节	14:00-14:40	化学	生物	物理	化学	物理	直播
第六节	15:15-15:55	化学	历史	美术	物理	化学	直播	第六节	14:55-15:35	生物	物理	化学	生物	生物	直播
	15:55-16:15	眼保健操					自主		15:35-15:55	眼保健操					自主
运动自主	16:15-16:55	体育	自习	体育	自习	体育	直播	自习	15:55-16:35	自习	自习	自习	自习	自习	自主
课后时光	17:10-17:50	鉴赏	体育锻炼	亲子	鉴赏	鉴赏	自主	鉴赏	16:50-17:30	体育	鉴赏	体育	鉴赏	体育	自主



No.1 All the <sup>+</sup> courses are not provided by one teacher but by a team  
CHENGDU DIGITAL SCHOOL

196 experts and teachers



Subject academic leader



The Most Experienced Teachers From The Grammar Schools

# No.2 Teaching<sup>+</sup> Environment & Guarantee Mechanism

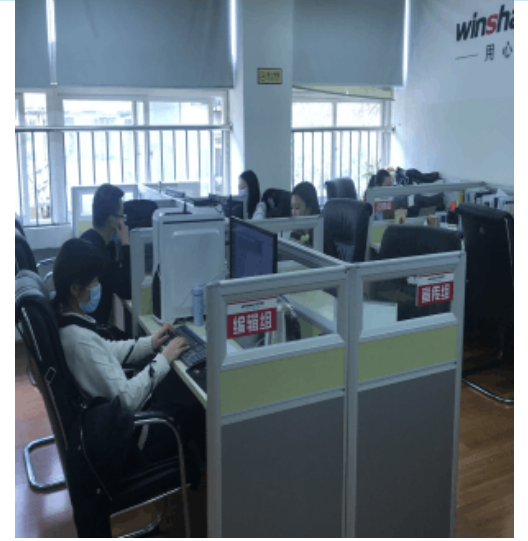
## CHENGDU DIGITAL SCHOOL



- Strict Disinfection Before and After Every Class Everyday



- Broadcast recording equipment
- The most advanced audio and video transmission technology
- Advanced CND Distribution Technology



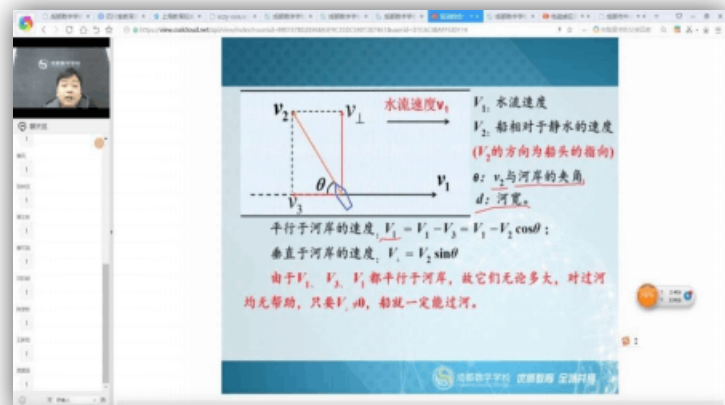
Technical Team

- 1.在不确定的世界 有一群确定的人 做确定的事 ( 英文值班记录3.9 ).docx
- 2月27日 ( 周四 ) 成都数字学校值班情况汇报 ( 值班人 : 张翰荣 ).docx
- 3月3日数字学校值班记录 ( 岳刚涛 ).docx
- 3月4日数字学校值班记录 ( 李丹 ).docx
- 3月10日值班记录 : 敬爱数校人 ( 曹斌 ).docx
- 3月12日 ( 周四 ) 成都数字学校值班情况汇报 ( 值班人 : 张翰荣 ).docx
- 3月13日值班记录 ( 罗良建 ).docx
- 3月18日数字学校值班记录 ( 岳刚涛 ).docx
- 3月19日 - 数字学校值班记录 ( 黄廷美 ).docx
- 0306数校值班记录敬爱数校.docx
- 20200302值班记录.docx
- 20200305成都数字学校值班记录\_戴金芮.docx
- 20200316成都数字学校值班记录\_戴金芮.docx
- 成都数字学校值班记录 ( 3月11日 , 值班人 : 罗承德 ).docx
- 成都数字学校值班记录.docx
- 补发远尚精改--值班记录3.17王泽海初三直播.docx
- 数校高三初三值班记录2020再.docx
- 做好当下, 专为未来 英文.docx

Staffs' Diary on Duty

# No.3 Interaction between Teachers and Students

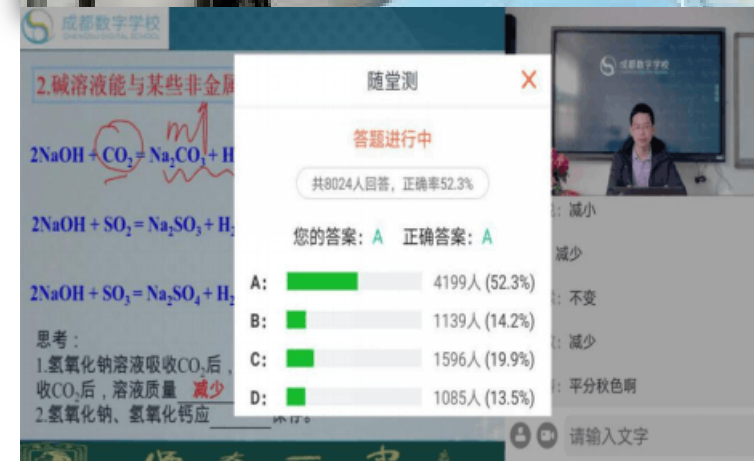
## CHENGDU DIGITAL SCHOOL



## Three-point Screen



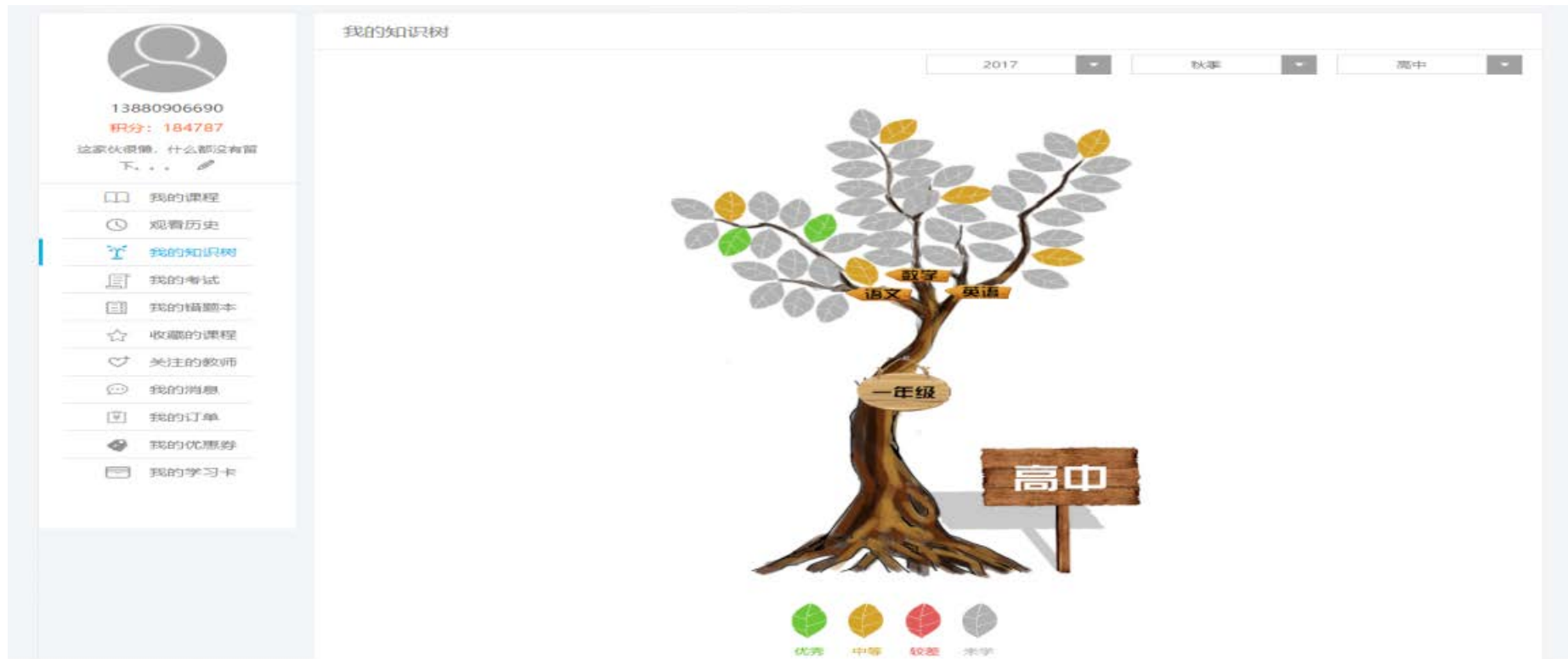
## Online Tests



## Online Connection & Answers

# No.4 Data generated during online teaching extremely valuable

## CHENGDU DIGITAL SCHOOL



Student's Knowledge Tree Formed by the Online Tests' Data

# No.5 Double Teachers Mode CHENGDU DIGITAL SCHOOL



Broadcasting teacher

微信

待批改: 0		
已批改: 52		
未作答: 1		
按题号排序		
1.1 25%	1.2 65.4%	1.3 5.8%
1.4 100%	1.5 100%	1.6 100%
1.7 59.6%	1.8 17.3%	1.9 63.5%

Navigation icons: back, home, recent apps

The other teacher from student's own school

**From my point of view,** the learning right and chance of every student should be guaranteed, and what is more important is that the learning resources could be equally delivered no matter where they are, in the city or in the remote rural areas.

**To conclude,** the online education practice of Chengdu Digital School efforts is, in fact, a practice to carry out large-scale personalized online education.

# Thanks



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