

**Please cite:**

Muralidharan, K., Singh, A., & Ganimian, A. J. (2019). Disrupting education? Experimental evidence on technology-aided instruction in India. *American Economic Review*, 109(4), 1426-1460.

1. Name of the MS center: (select one)

- Tekhand
- Chatturpur
- Govindpuri

2. Center ID: (Select one)

- TK
- CP
- GP

3. Name of the student: (text)

4. Student ID: (text)

5. Date: [DD/MM/YYYY]

6. Time: [HH:MM]

**B. DEMOGRAPHIC INFORMATION**

7. What is your date of birth? [DD/MM/YYYY]

8. *[If child does not know date of birth]* What is your age?

- 8 or younger
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16 or older

9. Are you a boy or a girl?

- Boy
- Girl

10. What language do you speak at home?

- English
- Hindi
- Punjabi
- Urdu
- Other

11. Which of these languages do you speak well? (Check all that apply)

## Mindspark study – Child survey

- English
- Hindi
- Punjabi
- Urdu
- Other

### C. LIVING SITUATION

12. How far away do you live from this Mindspark Center?

- Less than 1 km
- 1-2 km
- 2-3 km
- More than 3 km

13. How many adults live with you?

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- More than 6

14. How many children live with you?

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- More than 6

15. Which of these adults live with you? (Check all that apply)

- Mother
- Father
- Uncle
- Aunt
- Grandmother
- Grandfather
- Other

16. How many brothers do you have?

- 0
- 1

## Mindspark study – Child survey

- 2
- 3
- 4
- 5
- 6
- More than 6

17. How many **older** brothers do you have?

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- More than 6

18. How many sisters do you have?

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- More than 6

19. How many **older** sisters do you have?

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- More than 6

### D. HOUSEHOLD ASSETS

20. Which of the following do you have at home?

- Telephone
- Radio
- TV
- Bicycle
- Car/truck
- Motorcycle

### **Mindspark study – Child survey**

- Desktop computer
- Laptop computer
- Mobile phone
- Table
- Electric fan
- Fridge
- Bed
- Electricity
- Chairs
- Air conditioner

21. Do you have a place to study at home?

- Yes
- No

22. How many rooms are there in your house?

- 1
- 2
- 3
- 4
- 5
- 6
- More than 6

23. How many books are there in your house?

- None
- 1-5 books
- 6-10 books
- More than 10 books

### **E. EDUCATIONAL SUPPORTS**

24. Can any of these people read and write? (Check all that apply)

- Father
- Mother
- Brother/sister
- Uncle/aunt
- Grandfather/grandmother

25. Do any of these people help you with your homework? (Check all that apply)

- Father
- Mother
- Brother/sister
- Uncle/aunt
- Grandfather/grandmother

## Mindspark study – Child survey

26. *[If Q16>=1]* Do most of your brothers go to school?

- Yes, they attend a government school
- Yes, they attend a private school
- No, they do not attend school

27. *[If Q18>=1]* Do most of your sisters go to school?

- Yes, they attend a government school
- Yes, they attend a private school
- No, they do not attend school

28. Do you attend tuitions in any of these subjects? (Check all that apply)

- Math
- Hindi
- Other

29. *[If Q28, Option 1 is checked]* How many hours per week do you spend in math tuitions?

- Less than an hour
- 1 to 2 hours
- 2 to 3 hours
- 3 to 4 hours
- More than 4 hours

### F. EDUCATIONAL TRAJECTORY

30. Did you attend pre-school?

- Yes
- No

31. Have you switched schools since grade 1?

- Yes
- No

32. Have you ever repeated a grade?

- Yes
- No

33. Have you ever dropped out of school?

- Yes
- No

### G. STUDY HABITS

34. How many hours per day do you spend on the family business on a typical school day?

- Less than an hour
- 1 to 2 hours
- 2 to 3 hours
- 3 to 4 hours

## Mindspark study – Child survey

- More than 4 hours
35. How many hours per day do you spend on **household chores** on a typical school day?
- Less than an hour
  - 1 to 2 hours
  - 2 to 3 hours
  - 3 to 4 hours
  - More than 4 hours
36. How many hours per day do you spend **working for pay** on a typical schoolday?
- Less than an hour
  - 1 to 2 hours
  - 2 to 3 hours
  - 3 to 4 hours
  - More than 4 hours
37. How many hours per day do you spend **doing homework** on a typical schoolday?
- Less than an hour
  - 1 to 2 hours
  - 2 to 3 hours
  - 3 to 4 hours
  - More than 4 hours
38. How many hours per day do you spend **studying** on a typical schoolday?
- Less than an hour
  - 1 to 2 hours
  - 2 to 3 hours
  - 3 to 4 hours
  - More than 4 hours
39. How often do you read books (other than textbooks) outside of school?
- At least once a day
  - Once per week
  - 2 to 3 times per month
  - Once per month
  - Almost never
40. Which of the following do you have at home? (Check all that apply)
- Math textbook
  - Hindi textbook
  - Dictionary
  - Ruler
  - Calculator
  - School bag

## H. SCHOOL LIFE

## Mindspark study – Child survey

41. Do you attend a government or a private school?
- Government school
  - Private school
42. What is the name of your current school? [name]
43. What language is most used for lessons at your school?
- English
  - Hindi
  - Punjabi
  - Urdu
  - Other
44. How do you usually get to school?
- Auto
  - Bike
  - Boat
  - Bus
  - Car
  - Motorcycle
  - Taxi
  - Walk
45. How long do you usually take to get to school?
- Less than half an hour
  - Half an hour to 1 hour
  - 1 hour to 1 and a half hours
  - 1 and a half hours to 2 hours
  - More than 2 hours
46. Do you usually eat lunch at school?
- Yes
  - No
47. Do you use your school toilet if you have to?
- Yes
  - No
48. Do you borrow books from your school library?
- Yes
  - No
  - There is no library at my school
49. How often does your math teacher assign you homework?
- At least once a day

### Mindspark study – Child survey

- Once per week
- 2 to 3 times per month
- Once per month
- Almost never
- Never

50. *[If Q49, Options 1-5 are checked]* How often does your math teacher **check** you homework?

- At least once a day
- Once per week
- 2 to 3 times per month
- Once per month
- Almost never
- Never

51. *[If Q50, Options 1-5 are checked]* How often does your math teacher **provide comments on** you homework?

- At least once a day
- Once per week
- 2 to 3 times per month
- Once per month
- Almost never
- Never

52. How often does your **Hindi** teacher assign you homework?

- At least once a day
- Once per week
- 2 to 3 times per month
- Once per month
- Almost never
- Never

53. *[If Q52, Options 1-5 are checked]* How often does your Hindi teacher **check** you homework?

- At least once a day
- Once per week
- 2 to 3 times per month
- Once per month
- Almost never
- Never

54. *[If Q53, Options 1-5 are checked]* How often does your Hindi teacher **provide comments on** you homework?

- At least once a day
- Once per week
- 2 to 3 times per month



## Mindspark study – Child survey

- Once per month
- Almost never
- Never

### I. PARENTS' INFORMATION

55. Father's name:

56. Father's mobile/ contact number:

57. Mother's name:

58. Mother's mobile/ contact number:

59. What is your preferred time slot for baseline testing on *[date]*? Rank from 1 to 3.

- 11am to 1pm
- 1pm to 3pm
- 3pm to 5pm

60. Have you attended Mindspark Center before?

- I am currently studying at Mindspark center.
- No, but I have previously studied at Mindspark center.
- No, I have never studied at Mindspark center before.

61. Which service provider top-up would you prefer?<sup>1</sup>(Select all the applicable answers)

- Airtel
- Vodaphone
- Idea
- Aircel
- MTNL
- Reliance

62. Which is your preferred batch slot?

- Morning( 8:00 AM to 11:00 AM)
- Late morning ( 10:15 AM to 1:15 PM)
- Afternoon ( 1:15 PM to 4:15 PM)
- Late afternoon (3:30 PM to 7:00 PM)
- Evening (5:45 PM to 8:45 PM)

63. Which is your preferred batch slot? (only if 1 = Chatturpur)

- Afternoon ( 1:15 PM to 4:15 PM)
- Evening (5:45 PM to 8:45 PM)

64. (If you have selected 'Morning' in question 62, please answer this) Which is your preferred batch? ( Rank 1 to 3)

---

<sup>1</sup> 61 old - Which service provider top-up would you prefer? (Rank 1 to 3 in order of your preference.)

- Airtel
- Vodaphone
- Idea

### **Mindspark study – Child survey**

- 8 AM to 9:30 AM
  - 8:45 AM to 10:15 AM
  - 9:30 AM to 11 AM
65. (If you have selected 'Late morning' in question 62, please answer this) Which is your preferred batch? ( Rank 1 to 4)
- 10:15 AM to 11:45 AM
  - 11:00 AM to 12:30 PM
  - 11:45 AM to 1:15 PM
  - 12:30 PM to 2:00 PM
66. (If you have selected 'Afternoon' in question 62, please answer this) Which is your preferred batch? ( Rank 1 to 3)
- 1:15 PM to 2:45 PM
  - 2:00 PM to 3:30 PM
  - 2:45 PM to 4:15 PM
67. (If you have selected 'Late afternoon' in question 62, please answer this) Which is your preferred batch? ( Rank 1 to 3)
- 3:30 PM to 5:00 PM
  - 4:15 PM to 5:45 PM
  - 5:00 PM to 6:45 PM
68. (If you have selected 'Evening' in question 62, please answer this) Which is your preferred batch? ( Rank 1 to 3)
- 5:45 PM to 7:15 PM
  - 6:30 PM to 8:00 PM
  - 7:15 PM to 8:45 PM