

Kant Process – Instruction Manual

(How to manage Kant Process operations)

Hardware required

1. TVs – preferably 24” with USB ports
2. USBs to store test films (16 giga byte size required at present)
3. Merit boards
 - a. 18” x by 24” soft board
 - b. Small tach pins to attach serial numbers (One per student)
 - c. Large Tach pins (1/2 inches) to support name tags
 - d. 1.25” x 7” stiff cards for name tags
4. Marker pens for writing names

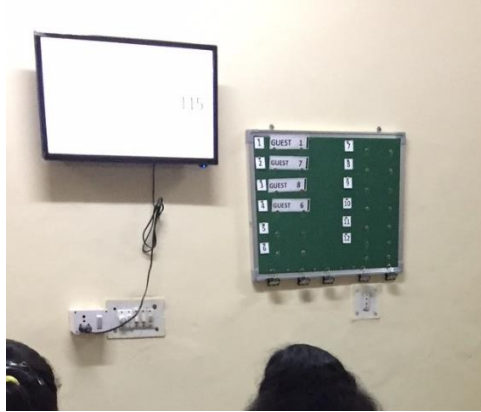
Seating arrangement



A classroom has multiple TVs with merit boards next to them as shown in the above picture.

It is advised that the group size be kept small. The preferred arrangement is to have 12 students per TV and as many TVs as required based on the class size.

A merit board and TV arrangement looks as below



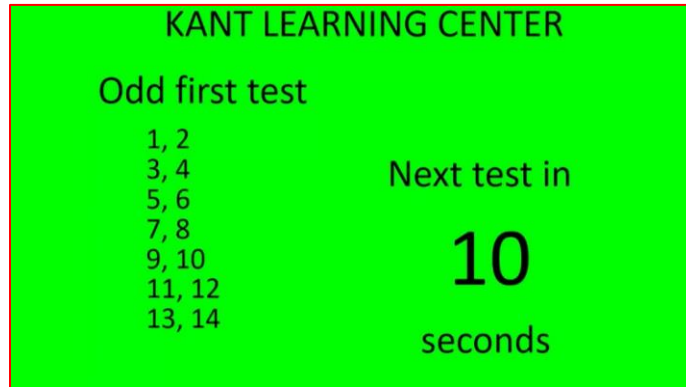
- Each TV has a merit board next to it.
- Students sit in order as shown in the following chart
- Student names on the merit board should match the students sitting arrangement.

Merit board 1	TV 1			Merit board 2	TV 2			Merit board 3	TV 3	
1	2	3		1	2	3		1	2	3
6	5	4		6	5	4		6	5	4
7	8	9		7	8	9		7	8	9
12	11	10		12	11	10		12	11	10

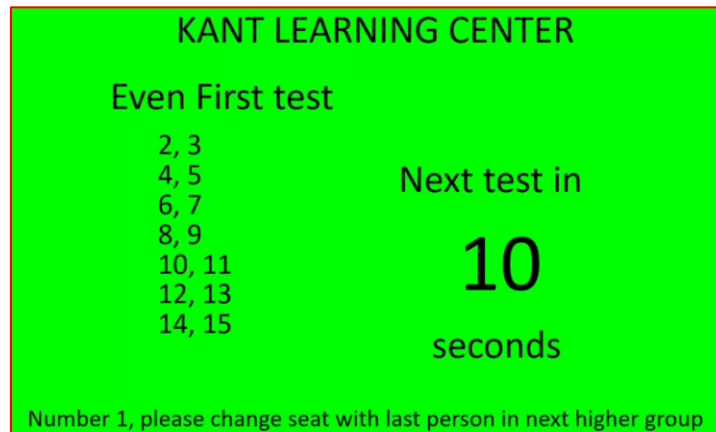
Operation

- Data (test films) are either downloaded from www.KantLearning.com or acquired from Kant Learning Centers.
- Latest data should be acquired periodically to replace the old data.
- Each TV should have a data USB attached to it in order to use the system
- Not all students learn at the same level.
- USBs have all films up to class 12th. Teachers should select the appropriate film numbers.
- In a multiple TV setup, different level of films should be run on TVs
- Film number should be increased by one every day.
- Attempt should be made that the average score of the class is around 50%.
- After few days the difficulty of the film will become difficult for the class. At this time the films should be restarted at lower level.

- Each student has a number associated with the seat he/she is sitting at.
- Student pairs for checking are made on odd-first and even-first basis.
- Test films display pairings before each test as shown below.



- In even first pairing the first student is not tested.
- If there is a higher group TV available, The number 1 student exchanges seat with the last student of the higher group. A message at the bottom of screen showing this request is displayed.
 - This allows meritorious students to move up
 - If possible the last student on the higher TV should be allowed to complete current test



- Before each test, students should recognize their competitor's number. This number is displayed on the preceding green screen. The type of pairing is also displayed on the right-hand top-corner of the test screens.
- In these tests, steps are not required.
- Only the answers are required.

- If a question has multiple answers separated by '/' or 'or', only one option is sufficient. If more than one option is specified, all must be correct.
- In case of ',' separated answers, all answers must be provided.
- Any information in the answers within brackets is advisory. It is not required. However if it is written, it must be correct.

Questions
KANT LEARNING --- Details: (380**0009**02**04-Dec-2017) Even first test

Convert to words
1. -2,261
Grammar
2. Write antonym: Up
Translate into Hindi
3. collection
Calculate
4. $21 + 591 + 452$
Translate into Hindi
5. Heel
Calculate
6. $12 / 3$

50

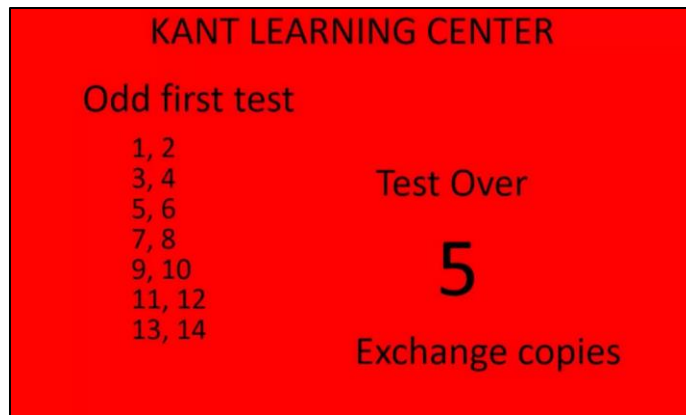
- Test screen will turn yellow to indicate that the time is about to expire.

Answers
KANT LEARNING --- Details: (380**0009**02**04-Dec-2017) Even first test
5

Convert to words
1. -2,261
Grammar
2. Write antonym: Up
Translate into Hindi
3. collection
Calculate
4. $21 + 591 + 452$
Translate into Hindi
5. Heel
Calculate
6. $12 / 3$

1. minus two thousand two hundred sixty-one
2. Down
3. संग्रह (How to speak: कलेक्शन)
4. 1,064
5. एड़ी (How to speak: हील)
6. 4

- Once the screen turns red, copies should be exchanged even if some of the answers are yet to be completed.



- All correct answers are given 1 mark.
- All wrong answers (even with small mistakes) are given 0.
- Marks should be totaled.
- If the student with the lower rank wins, the competing pair should exchange seats and get the ranks exchanged on the merit board also.

Answers	KANT LEARNING --- Details: (380**0009**02**04-Dec-2017) Even first test	75
Convert to words	1. minus two thousand two hundred sixty-one	
1. -2,261		
Grammar	2. Down	
2. Write antonym: Up		
Translate into Hindi	3. संग्रह (How to speak: कलेक्शन)	
3. collection		
Calculate	4. 1,064	
4. 21 + 591 + 452		
Translate into Hindi	5. एड़ी (How to speak: हील)	
5. Heel		
Calculate	6. 4	
6. 12 / 3		

Class Management

It is important to understand that **Kant process** relies on harvesting the energy of students for all tasks. Since students would like to win at all cost they may tend towards unfair practices. The job of the class administrator is to nudge them in right direction.

- If competing students have a dispute, they should ask for a resolution from a nearby student (not from administrator) and accept his/her opinion even if it is wrong.
- If next test starts while a dispute is in progress, the dispute should be considered unresolved. There is no need for perfection in this system.

- If a student is involved too many disputes, he should be suspended for some time from these tests to cool down or removed altogether if he/she persists with this behavior. We are working towards overall improvement and would not like to waste time on exception handling.
- Emphasis should be on matching the exact answer as provided on the answer screen for junior classes, while senior classes should do a soft match with the answer provided. Senior classes should focus on getting the gist of the answer right.
- Complexity of the test scripts
 - Effort should be maintained that average marks obtained by the group is around 50%. Level of the films should be adjusted accordingly.
 - If tests are too easy, students will get bored
 - If tests are too difficult, students will get disheartened
- New scripts should be downloaded periodically to avoid students' tendency to memorize the answers.

Reporting

Following reports should be maintained

- Daily report listing the test film numbers for each class
- Monthly/weekly report listing the total tests done by each class
- A running report containing dates of data updates