



Sir Padampat Singhania Education Centre
Kamla Nagar, Kanpur

Lesson Plan
Session 2017 - 2018
Class: XI

Subject : **Bio Technology (044)**

Subject Coordinator
Name: Manish Tiwari

Sign:

Head of Department
Name: Manish Tiwari

Sign:



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning overview

Session: 2017 - 2018

Subject : Bio Technology (045) **Class** : XI **No. of periods** : 40

| Month | Assessed in | Lesson/s to be covered | Period Count |
|-----------|---------------------------------|--|--------------|
| July 2017 | Unit Test 2 nd | Genes and Gnomes Structure and Function, Genes and Gnomes Structure and Function, Cell Growth and Development, Basic Unit of Life | 16 |
| Aug 2017 | Half Yearly Exam | 2 nd Unit Test Question Paper Discussion, Basic Unit of Life, Cell Growth and Development in Basic Unit of Life Combined Sessions, Photosynthesis and Respiration, Macro Molecules, Bio Molecules | 15 |
| Sept 2017 | HYE + Unit Test 3 rd | Overview and overall discussions, Practical and Lab Demonstrations | 09 |
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Subject coordinator: Manish Tiwari



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Monthly Syllabus/Planning overview

Session: 2017 - 2018

Subject: Bio Technology (045)

Class : XI

No. of periods : 40

| Month | Date/Week | | Lesson/s to be covered in classroom | Period Count |
|-----------|----------------|----------------|---|--------------|
| | From | To | | |
| July 2017 | 03/07/20 17 | 08/07/20 17 | Genes and Gnomes Structure and Function | 04 |
| | 10/07/20 17 | 15/07/20 17 | Genes and Gnomes Structure and Function | 05 |
| | 17/07/20 17 | 22/07/20 17 | Cell Growth and Development | 05 |
| | 24/07/20 17 | 29/07/20 17 | Basic Unit of Life | 02 |
| Aug 2017 | 31/07/20 17 | 05/08/20 17 | 2 nd Unit Test Question Paper Discussion, Basic Unit of Life | 03 |
| | 07/08/20 17 | 12/08/20 17 | Cell Growth and Development in Basic Unit of Life Combined Sessions | 04 |
| | 14/08/20 17 | 19/08/20 17 | Photosynthesis and Respiration | 03 |
| | 21/08/20 17 | 26/07/20 17 | Macro Molecules, Bio Molecules | 05 |
| Sept 2017 | 28/08/20 17 | 02/09/20 17 | Overview and overall discussions | 04 |
| | 04/09/20 17 | 09/09/20 17 | Practical and Lab Demonstrations | 04 |
| | 11/09/20 17 | 16/09/20 17 | Revision + Half Yearly Examination | 01 |
| | 18/09/20 17 | 23/09/20 17 | Half Yearly Examination | NIL |
| | 25/09/20 17 | 30/09/20 17 | Half Yearly Examination | NIL |
| | | | | |
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Subject coordinator: Manish Tiwari



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2017 - 2018

Subject : Bio Technology

Class : XI

| Period | Topic/s to be covered in classroom | Homework | Status (Yes/No) (Reason if No) |
|--|---|-------------------------|-----------------------------------|
| WEEK 13: <u>03/07/2017</u> to <u>08/07/2017</u> | | Period Count: 04 | |
| PD1 | Genes and Gnomes Structure and Function | - | |
| PD2 | Genes and Gnomes Structure and Function | - | |
| PD3 | Genes and Gnomes Structure and Function | - | |
| PD4 | Genes and Gnomes Structure and Function | - | |
| 05/07/2017 Rainy Day 08/07/2017 Second Saturday | | | |
| WEEK 14: <u>10/07/2017</u> to <u>15/07/2017</u> | | Period Count: 05 | |
| PD1 | Genes and Gnomes Structure and Function | - | |
| PD2 | Genes and Gnomes Structure and Function | - | |
| PD3 | Genes and Gnomes Structure and Function | - | |
| PD4 | Genes and Gnomes Structure and Function | - | |
| PD5 | Genes and Gnomes Structure and Function | - | |
| 15/07/2017 PTM | | | |

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Supervisor

Principal/V. Principal

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Kamla Nagar, Kanpur

Weekly planning overview

Session: 2017 - 2018

Subject : Bio Technology

Class : XI

| Period | Topic/s to be covered in classroom | Homework | Status (Yes/No) (Reason if No) |
|--|------------------------------------|-------------------------|-----------------------------------|
| WEEK 15: <u>17/07/2017</u> to <u>22/07/2017</u> | | Period Count: 05 | |
| PD1 | Cell Growth and Development | - | |
| PD2 | Cell Growth and Development | - | |
| PD3 | Cell Growth and Development | - | |
| PD4 | Cell Growth and Development | - | |
| PD5 | Cell Growth and Development | - | |
| WEEK 16: <u>24/07/2017</u> to <u>29/07/2017</u> | | Period Count: 02 | |
| PD1 | Basic Unit of Life | - | |
| PD2 | Basic Unit of Life | - | |
| 26/07/2017 to 29/07/2017 - 2nd Unit Test | | | |

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Kamla Nagar, Kanpur

Weekly planning overview

Session: 2017 - 2018

Subject : Bio Technology

Class : XI

| Period | Topic/s to be covered in classroom | Homework | Status (Yes/No) (Reason if No) |
|---|--|-------------------------|-----------------------------------|
| WEEK 17: <u>31/07/2017</u> to <u>05/08/2017</u> | | Period Count: 03 | |
| PD1 | 2 nd Unit Test Question Paper Discussion | - | |
| PD2 | Basic Unit of Life | - | |
| PD3 | Basic Unit of Life | - | |
| 31/07/2017 to 04/08/2017 2nd Unit Test | | | |
| WEEK 18: <u>07/08/2017</u> to <u>12/08/2017</u> | | Period Count: 04 | |
| PD1 | Cell Growth and Development in Basic Unit of Life Combined Sessions | - | |
| PD2 | Cell Growth and Development in Basic Unit of Life Combined Sessions | - | |
| PD3 | Cell Growth and Development in Basic Unit of Life Combined Sessions | - | |
| PD4 | Cell Growth and Development in Basic Unit of Life Combined Sessions | - | |
| 07/08/2017 Raksha Bandhan 12/08/2017 Second Saturday | | | |

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Session: 2017 - 2018

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Class : XI

| Period | Topic/s to be covered in classroom | Homework | Status (Yes/No) (Reason if No) |
|---|------------------------------------|-------------------------|-----------------------------------|
| WEEK 19: <u>14/08/2017</u> to <u>19/08/2017</u> | | Period Count: 03 | |
| PD1 | Photosynthesis and Respiration | - | |
| PD2 | Photosynthesis and Respiration | - | |
| PD3 | Photosynthesis and Respiration | - | |
| 14/08/2017 Janmashtami 15/08/2017 Independence Day 19/08/2017 Science Exhibition | | | |
| WEEK 20: <u>21/08/2017</u> to <u>26/08/2017</u> | | Period Count: 05 | |
| PD1 | Macro Molecules | - | |
| PD2 | Macro Molecules | - | |
| PD3 | Macro Molecules | - | |
| PD4 | Bio Molecules | - | |
| PD5 | Bio Molecules | - | |

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Class : XI

| Period | Topic/s to be covered in classroom | Homework | Status (Yes/No) (Reason if No) |
|--|------------------------------------|-------------------------|-----------------------------------|
| WEEK 21: <u>28/08/2017</u> to <u>02/09/2017</u> | | Period Count: 04 | |
| PD1 | Overview and overall discussions | - | |
| PD2 | Overview and overall discussions | - | |
| PD3 | Overview and overall discussions | - | |
| PD4 | Overview and overall discussions | - | |
| 02/09/2017 Id-ul Zuha | | | |
| WEEK 22: <u>04/09/2017</u> to <u>09/09/2017</u> | | Period Count: 04 | |
| PD1 | Practical and Lab Demonstrations | - | |
| PD2 | Practical and Lab Demonstrations | - | |
| PD3 | Practical and Lab Demonstrations | - | |
| PD4 | Practical and Lab Demonstrations | - | |
| 09/09/2017 Second Saturday | | | |

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Weekly planning overview

Session: 2017 - 2018

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Class : XI

| Period | Topic/s to be covered in classroom | Homework | Status (Yes/No) (Reason if No) |
|--|---|-----------------|---|
| WEEK 23: <u>11/09/2017</u> to <u>16/09/2017</u> | | | Period Count: 01 |
| PD1 | Overall Revisions of Entire Syllabus | - | |
| 12/09/2017 to 16/09/2017 Half Yearly Examination | | | |
| WEEK 24: <u>18/09/2017</u> to <u>23/09/2017</u> | | | Period Count: NIL |
| 18/09/2017 to 23/09/2017 Half Yearly Examination | | | |
| WEEK 25: <u>25/09/2017</u> to <u>30/09/2017</u> | | | Period Count: NIL |
| 25/09/2017 Half Yearly Examination 30/09/2017 to 27/09/2017 Mid Term Break 28/09/2017 to 30/09/2017 Dussehra Holidays | | | |

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Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 20 - 20

Subject : _____

Class : ____

No. of periods : ____

| Period | Topic/s to be covered in classroom | Homework | Status (Yes/No) (Reason if No) |
|---------------------------------|------------------------------------|---------------------------|-----------------------------------|
| WEEK __ : _____ to _____ | | Period Count: ____ | |
| PD1 | | | |
| PD2 | | | |
| PD3 | | | |
| PD4 | | | |
| PD5 | | | |
| PD6 | | | |
| WEEK __ : _____ to _____ | | Period Count: ____ | |
| PD1 | | | |
| PD2 | | | |
| PD3 | | | |
| PD4 | | | |
| PD5 | | | |
| PD6 | | | |

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 20 - 20

Subject : _____

Class : _____

No. of periods : _____

| Period | Topic/s to be covered in classroom | Homework | Status (Yes/No) (Reason if No) |
|--------------------------|------------------------------------|---------------------|-----------------------------------|
| WEEK __ : _____ to _____ | | Period Count: _____ | |
| PD1 | | | |
| PD2 | | | |
| PD3 | | | |
| PD4 | | | |
| PD5 | | | |
| PD6 | | | |
| PD 7 | | | |
| WEEK __ : _____ to _____ | | Period Count: _____ | |
| PD1 | | | |
| PD2 | | | |
| PD3 | | | |
| PD4 | | | |
| PD5 | | | |
| PD6 | | | |
| PD 7 | | | |

Subject coordinator

Supervisor

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 20 - 20

Subject : _____

Class : _____

No. of periods : _____

| Period | Topic/s to be covered in classroom | Homework | Status (Yes/No) (Reason if No) |
|---------------------------------|------------------------------------|---------------------------|-----------------------------------|
| WEEK __ : _____ to _____ | | Period Count: ____ | |
| PD1 | | | |
| PD2 | | | |
| LAB | | | |
| WEEK __ : _____ to _____ | | Period Count: ____ | |
| PD1 | | | |
| PD2 | | | |
| LAB | | | |
| WEEK __ : _____ to _____ | | Period Count: ____ | |
| PD1 | | | |
| PD2 | | | |
| LAB | | | |
| WEEK __ : _____ to _____ | | Period Count: ____ | |
| PD1 | | | |
| PD2 | | | |
| LAB | | | |

Subject coordinator

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Kamla Nagar, Kanpur

Weekly planning overview

Session: 20 - 20

Subject : _____

Class : _____

No. of periods : _____

| Period | Topic/s to be covered in classroom | Homework | Status (Yes/No) (Reason if No) |
|---|------------------------------------|----------|-----------------------------------|
| WEEK __ : _____ to _____ Period Count: ____ | | | |
| PD1 | | | |
| PD2 | | | |
| PD3 | | | |
| WEEK __ : _____ to _____ Period Count: ____ | | | |
| PD1 | | | |
| PD2 | | | |
| PD3 | | | |
| WEEK __ : _____ to _____ Period Count: ____ | | | |
| PD1 | | | |
| PD2 | | | |
| PD3 | | | |
| WEEK __ : _____ to _____ Period Count: ____ | | | |
| PD1 | | | |
| PD2 | | | |
| PD3 | | | |

Subject coordinator

Supervisor

Principal/V. Principal

Sir Padampat Singhania Education Centre, Kamla Nagar, Kanpur

Book :
Publication :
Lesson :

Class :
Session: 20 - 20
Subject:

Lesson Plan

Ques 1.

Ans.

(Ref.: Page 18)

Ques 2.

Ans.

(Ref.: Page 18)

Ques 3.

Ans.

(Ref.: Page 18)

Note: This lesson contains one worksheets.



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Lesson plan implementation report

Session: 20 - 20

Term : Assessment :
 From Date : To Date :
 Subject : Class :
 Book : No. of periods :

| Section | Subject Teacher | Lesson/s to be covered according to lesson plan | Status Yes/No | Reason if not completed |
|---------|-----------------|---|---------------|-------------------------|
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Remarks:

Subject coordinator:

HOD: