



## 9-12 Biology — 5-Day Student Pack

NAME	DATE	CLASS / PERIOD
_____	_____	_____

### What you'll learn this week

This 5-day Biology plan covers dna structure, replication, and protein synthesis for 9-12 students, aligned to NGSS HS-LS1-1.

### My goals for the week

- Day 1: I will engage with dna structure, replication, and protein synthesis at a 9-12 level — day 1 focus area.
- Day 2: I will engage with dna structure, replication, and protein synthesis at a 9-12 level — day 2 focus area.
- Day 3: I will engage with dna structure, replication, and protein synthesis at a 9-12 level — day 3 focus area.
- Day 4: I will engage with dna structure, replication, and protein synthesis at a 9-12 level — day 4 focus area.
- Day 5: I will engage with dna structure, replication, and protein synthesis at a 9-12 level — day 5 focus area.



# Day 1

9-12 Biology — 5-Day Lesson Plan · Student Edition

## TODAY'S GOAL

I will engage with dna structure, replication, and protein synthesis at a 9-12 level — day 1 focus area.

## WORDS I NEED TO KNOW

---

---

---

---

## Today's plan

1. Warm-up: 5 min — Open with a quick warm-up tied to dna structure, replication, and protein synthesis; ask: "What do..."
2. Lesson: 15 min — Introduce the day's concept with a worked example on the board.
3. Practice together: 10 min — Work through 2-3 problems together, students at desks responding.
4. Practice on my own: 10 min — Students complete the practice handout at their own pace.
5. Exit ticket: 5 min — Exit ticket: students write one sentence summarizing today's learning.

## MY PRACTICE — SHOW YOUR WORK

---

---

---

---

---

---

---

---

---

---

## EXIT TICKET — before you leave today

*Prompt: 5 min — Exit ticket: students write one sentence summarizing today's learning.*

---

---



# Day 2

9-12 Biology — 5-Day Lesson Plan · Student Edition

## TODAY'S GOAL

I will engage with dna structure, replication, and protein synthesis at a 9-12 level — day 2 focus area.

## WORDS I NEED TO KNOW

---

---

---

---

## Today's plan

1. Warm-up: 6 min — Open with a quick warm-up tied to dna structure, replication, and protein synthesis; ask: "What do..."
2. Lesson: 20 min — Introduce the day's concept with a worked example on the board.
3. Practice together: 15 min — Work through 2-3 problems together, students at desks responding.
4. Practice on my own: 15 min — Students complete the practice handout at their own pace.
5. Exit ticket: 5 min — Exit ticket: students write one sentence summarizing today's learning.

## MY PRACTICE — SHOW YOUR WORK

---

---

---

---

---

---

---

---

---

---

## EXIT TICKET — before you leave today

Prompt: 5 min — Exit ticket: students write one sentence summarizing today's learning.

---

---



# Day 3

9-12 Biology — 5-Day Lesson Plan · Student Edition

## TODAY'S GOAL

I will engage with dna structure, replication, and protein synthesis at a 9-12 level — day 3 focus area.

## WORDS I NEED TO KNOW

---

---

---

---

## Today's plan

1. Warm-up: 7 min — Open with a quick warm-up tied to dna structure, replication, and protein synthesis; ask: "What do..."
2. Lesson: 15 min — Introduce the day's concept with a worked example on the board.
3. Practice together: 10 min — Work through 2-3 problems together, students at desks responding.
4. Practice on my own: 10 min — Students complete the practice handout at their own pace.
5. Exit ticket: 5 min — Exit ticket: students write one sentence summarizing today's learning.

## MY PRACTICE — SHOW YOUR WORK

---

---

---

---

---

---

---

---

---

---

## EXIT TICKET — before you leave today

Prompt: 5 min — Exit ticket: students write one sentence summarizing today's learning.

---

---



# Day 4

9-12 Biology — 5-Day Lesson Plan · Student Edition

## TODAY'S GOAL

I will engage with dna structure, replication, and protein synthesis at a 9-12 level — day 4 focus area.

## WORDS I NEED TO KNOW

---

---

---

---

## Today's plan

1. Warm-up: 8 min — Open with a quick warm-up tied to dna structure, replication, and protein synthesis; ask: "What do..."
2. Lesson: 20 min — Introduce the day's concept with a worked example on the board.
3. Practice together: 15 min — Work through 2-3 problems together, students at desks responding.
4. Practice on my own: 15 min — Students complete the practice handout at their own pace.
5. Exit ticket: 5 min — Exit ticket: students write one sentence summarizing today's learning.

## MY PRACTICE — SHOW YOUR WORK

---

---

---

---

---

---

---

---

---

---

## EXIT TICKET — before you leave today

Prompt: 5 min — Exit ticket: students write one sentence summarizing today's learning.

---

---



# Day 5

9-12 Biology — 5-Day Lesson Plan · Student Edition

## TODAY'S GOAL

I will engage with dna structure, replication, and protein synthesis at a 9-12 level — day 5 focus area.

## WORDS I NEED TO KNOW

---

---

---

---

## Today's plan

1. Warm-up: 9 min — Open with a quick warm-up tied to dna structure, replication, and protein synthesis; ask: "What do..."
2. Lesson: 15 min — Introduce the day's concept with a worked example on the board.
3. Practice together: 10 min — Work through 2-3 problems together, students at desks responding.
4. Practice on my own: 10 min — Students complete the practice handout at their own pace.
5. Exit ticket: 5 min — Exit ticket: students write one sentence summarizing today's learning.

## MY PRACTICE — SHOW YOUR WORK

---

---

---

---

---

---

---

---

---

---

## EXIT TICKET — before you leave today

Prompt: 5 min — Exit ticket: students write one sentence summarizing today's learning.

---

---



# My Week — Reflection

9-12 Biology — 5-Day Lesson Plan · Student Edition

## How did it go?

One thing I'm proud I learned this week:

---

---

---

One thing that was tricky for me:

---

---

---

A question I still have:

---

---

---

How I'd rate my effort this week (1–5) and why:

---

---

---