Unit 13 · Charts, Graphs and Tables

STUDY NOTES

WHAT THE BLE ASKS

- **CDC's grid tests skills, not units:** Reading 25 · Writing 20 · Grammar 5
- **Reading 1–2 (seen texts, 5 marks each):** the report on Nepal's tigers; *A Mousetrap*
  - numbers from the charts
  - order of events
  - word meanings
- **Reading 3–4 (new texts, 5 + 10 marks):** practice reading numbers; can be
  - a **chart or graph**
  - a **schedule**
  - **instructions**
- **Writing**
  - ten punctuation errors (5 marks)
  - guided writing, 5 marks: a **description of tables, charts and diagrams** (the grid names it)
  - free writing, 10 marks: a letter or a short essay
- **Grammar (5 marks): tense** among the sentences to change; quantifiers aren't a grid topic, but every sentence about numbers needs them.

Reading I: Nepal's tigers

- **Kind: report** adapted from **NTNC**, **29 July 2022** (Global Tiger Day); dates, numbers, organizations, experts
- **Surveys** every four years or so since 2009, led by two government departments under the Ministry of Forests and Environment

Year	2009	2013	2018	2022
Tigers	121	198	235	**355**

- **Dr. Chiranjibi P. Pokharel:** close to **three times** 2009–2010; historic
- tigers: **apex** predators, **intricately** linked to forest health
- **The fall:** about **100,000** across Asia a hundred years ago → about **3,200** by 2010 (down **97%**): habitat loss, **poaching**
- **TX2: 13 countries pledged** to double tigers by **2022**; **endorsed** a **declaration** at St. Petersburg, 2010
- **Nepal's initiatives:**
  - **Banke National Park** created, **Parsa** enlarged
  - **Prime Minister** chairs the National Tiger Conservation Committee
  - **Wildlife Crime Control Bureau** units for **enforcement**
  - more than **450** community anti-poaching units
  - **stakeholders** helped
- **Still at risk:**
  - poaching
  - climate change
  - illegal trade
- **Next:**
  - care for prey (gaur, swamp deer, sambar, nilgai, wild buffalo)
  - **coexistence**
  - science to **back** decisions
  - wildlife-friendly roads
  - **corridors** for **dispersal**

Reading II: A Mousetrap

- **Kind: drama** (speakers' names, lines, **stage directions**) and **fable**; pattern: three refusals, then three punishments
- mouse sees the **package**: a mousetrap, **horrified**; warns the others

Animal	Refusal	What happens
chicken	doesn't **bother** her	soup for the woman's fever
lamb	not for him; can only pray	a dish for visitors
buffalo	it can't hurt her	the main dish at the party

- **Night:** the trap catches a deadly **snake's tail**; it bites the woman in the dark; she **faints**
- only the **mouse** is saved
- **Lesson:** a danger to one is a danger to all; help others

Key words

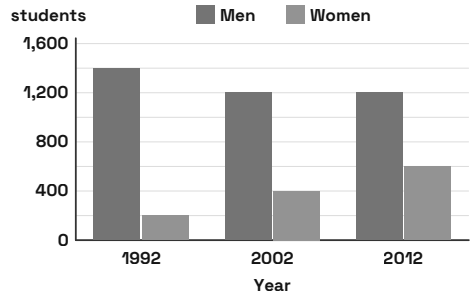
prey: animals hunted by another animal.
apex: the very top.
intricately: with many small parts fitting together.
undoubtedly: certainly.
poaching: hunting illegally.
pledge / endorse: promise firmly / officially agree with.
declaration: an official public statement.
initiative: a new plan to solve a problem.
enforcement: making people obey a law.
stakeholder: one with an interest in the result.
sustainably: in a way that can go on without harm.
coexistence: living together.
corridor: a strip of land linking two habitats.
dispersal: spreading out over a wide area.
ingredient: one of the things a dish is made from.
well-wisher: one who hopes good things for you.

Kinds of chart

- **bar graph:** comparing amounts
- **pictogram:** simple counts
- **flowchart:** steps of a process
- **table:** exact numbers

Writing: interpreting a bar chart

- say what the numbers **mean**, don't read them all out
- **Introduction:** *The bar chart shows…*
- **Overview and details:** the main trend, then proof:
  - *Overall, …*
  - *According to the chart, …*
  - *On the other hand, …*
- **Conclusion:** *To sum up, … In conclusion, …*



CDC's task: men **1,400 → 1,200 → 1,200** (fell slightly, then steady); women **200 → 400 → 600** (doubled by 2002; three times 1992's by 2012); the gap **1,200 → 600**.

	Verb + adverb	Adjective + noun
up, a little	*rose slightly*	*a slight rise*
up, a lot	*rose sharply*	*a sharp rise*
down, slowly	*fell gradually*	*a gradual fall*
down, a lot	*dropped dramatically*	*a dramatic drop*
no change	*remained steady at 1,200*	*no change*

- also:
  - *doubled*
  - *tripled*
  - *nearly tripled*
  - *halved*
- **from … to:** *rose from 121 to 198*
- **by:** *rose by 77*
- **at:** *steady at 1,200*
- **of:** *a rise of 77*
- **tense:** *The chart shows…* (present); *In 2013 the number rose to 198.* (past)

Words for trends

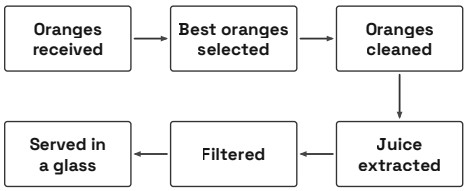
- **up:**
  - *increase*
  - *grow*
  - *soar*
  - *rise*
  - *jump*
  - *rocket*
  - *climb*
  - *surge*
- **down:**
  - *decrease*
  - *decline*
  - *slump*
  - *drop*
  - *fall*
  - *plummet*
- **steady:**
  - *remain stable*
  - *stabilize*
  - *stay at the same level*
- **degree:**
  - *dramatically*
  - *considerably*
  - *slightly*
  - *significantly*
  - *moderately*
- **speed:**
  - *rapidly*
  - *gradually*
  - *quickly*
  - *slowly*
- *rocket, soar, plummet* only for a very big, fast change

Writing: describing a flowchart

- a **process**: steps in the same order; follow the **arrows**
- **passive:** *The oranges are received.*
- **present simple**
- **sequence words:**
  - *first*
  - *then*
  - *next*

- *after that*
- *once…*
- *finally*

- *filtered*, not *filtrated*



Received → best selected → cleaned → juice extracted → filtered → served in a glass: *First, the oranges are received. Then…*

Grammar: quantifiers

Countable	Uncountable	Both
many, (a) few, several, fewer, both	much, (a) little, a bit of, less	all, some, any, no, more, most, enough, a lot of, lots of

- singular noun: *each, either, neither*
- **countable:** has a plural: *six apples*; **uncountable:** *flour, milk, time, money, news*; *two cups of flour*
- *How many apples? How much flour?*
- statements: *a lot of*, *much* in questions and after *not*
- *some* in statements and offers; *any* after *not*, in most questions
- *fewer tigers, less forest*
- **a few, a little:** some, fine; **few, little:** almost none, bad

Grammar: the present tenses

Tense	Form	Use, clue
simple	verb (+ *s*)	habits, facts: *always, every day*: *Tigers hunt at night.*
continuous	*am / is / are* + -ing	going on now: *now, Look!*: *The ranger is checking the camera.*
perfect	*have / has* + p.p.	result now: *just, already, yet, ever*: *Someone has moved the camera.*
perfect continuous	*have / has been* + -ing	began, still going: *for, since, all day*: *She has been working here for ten years.*

- perfect = **result**: *I have painted the door.*; perfect continuous = **activity**, how long: *I have been painting the door.*

- no *-ing* for knowing, feeling, owning:
  - *know*
  - *want*
  - *belong*
  - *believe*
  - *like*
  - *have* (own)
  - *remember*
  - *love*

Chart words: stress

- say:
  - **CON**-stant
  - di-**SEND**
  - **RAP**-id-ly
  - **RI**-zing
  - di-**CLINE**
  - pro-**POR**-shun
  - a-**SEND**
  - **STED**-i-ly

- *a **DE**crease*, noun; *to de**CREASE***, verb; *increase* the same

COMMON MISTAKES

✗ I am knowing him.
✓ I **know** him.

✗ This book is belonging to me.
✓ This book **belongs** to me.

✗ How much apples?
✓ How **many** apples?

✗ two flours
✓ two **cups of** flour

✗ less tigers
✓ **fewer** tigers

✗ Few friends came, so we had fun.
✓ **A few** friends came, …

✗ The number arised.
✓ The number **rose**.