

A decorative graphic in the top right corner of the slide, consisting of several overlapping triangles and squares in various shades of blue, creating a geometric pattern.

Incorporating Spacing Effect to Enhance Autonomy and Retention



***You lose 80%
of all that
you study
when you
cram.***

Qpractice.com

Korean language courses

- ILR level 2 and above
- 64% at or above level 2
- 35% at or above level 3
- project based, CBI, open architecture, traditional
- 40 - 240 hrs
- Over 30 classes (4 skill, Literature, Grammar, Translation, Transcription, Colloquial)



KORN2090 Intermediate Korean

This 6-week course is comprised of platform instruction, reading and listening comprehension activities, translation, summarization, gistng, and discussion using authentic target language audio, video and text materials.

Course Outline

Every week, students will study reading and listening passages related to the theme of the week:

- Week 1 Theme: Geography & Environment / Culture & Society
- Week 2 Theme: Culture & Society / Science & Technology /Economy & Politics
- Week 3 Theme: Culture & Society /Economy & Politics
- Week 4 Theme: Culture & Society /Geography & Environment /Economy & Politics
- Week 5 Theme: Culture & Society /Science & Technology / Military & Security
- Week 6 Theme: Military & Security / Culture & Society

The activities of each day may change due to homework assignments, student presentations, reviews, activities, quizzes, and exams. However, a typical class day might include the following:

Daily Schedule Snapshot:

08:00-08:50	Homework Discussion
09:00-09:45	Core: Listening & Reading Lesson
10:00-10:50	Core: Listening & Reading Lesson
11:00-11:50	Core: Grammar & Colloquial Expression/Presentation/Test
12:00-13:00	Lunch
13:00-15:50	Online Learning via eCampus

	Mon	Tue	Wed	Thu	Fri
W1	Orientation	Geography Environment 1. 한반도의 기후와 지역	Geography Environment 2. 관광과 여행	Culture Society 1. 복원어 소개	Culture Society 2. 동서양 문화비교
		문법/토론/발표	문법/토론/발표	문법/토론/발표	문법/토론/발표
W2	Science Technology 1. 소셜미디어	Science Technology 2. 정보보안	Economy Politics 1. 남한경제	Economy Politics 2. 북한경제	Culture Society 3. 한류
	문법/토론/발표	문법/토론/발표	Sensing	문법/토론/발표	Mid-term 1
W3	Culture Society 4. 노경화 사회와 복지	Culture Society 5. 한국사회변화 다문화	Economy Politics 3. 남한의 정치	Economy Politics 4. 북한의 정치	발표 1
	문법/토론/발표	문법/토론/발표	문법/토론/발표	문법/토론/발표	문화학습
W4	Culture Society 6. 남한교육	Culture Society 7. 북한교육	Science Technology 3. 환경과 에너지	Economy Politics 5. 경제현안	Military Security 1. 병역제도
	문법/토론/발표	문법/토론/발표	문법/토론/발표	문법/토론/발표	Mid-term 2
W5	Culture Society 8. 한국의 문화유산	Culture Society 9. 남북한 명칭	Economy Politics 6. 남북관계	Military Security 2. 남북한 우주개발	Science Technology 4. 첨단기술
	문법/토론/발표	문법/토론/발표	문법/토론/발표	문법/토론/발표	발표 2
W6	Military Security 3. 북핵	Economy Politics 6. 원미관계	Culture Society 10. 사회현안	Culture Society 11. 건강과 스트레스	Final Review
	문법/토론/발표	문법/토론/발표	문법/토론/발표	Final Test	Check-up



What is Spacing Effect?

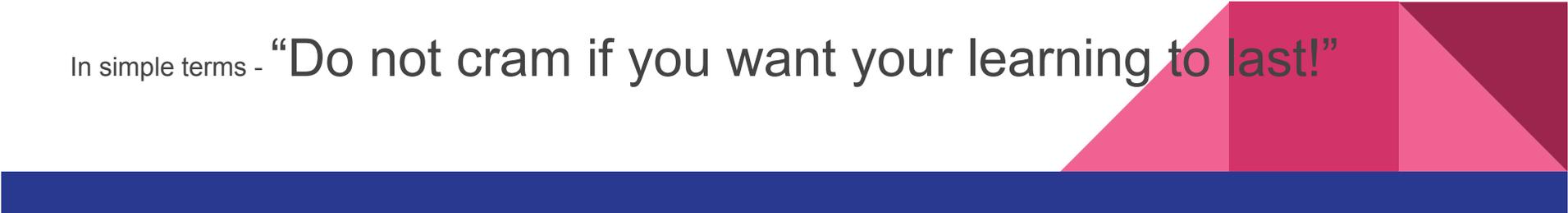
Spacing Effect - Distributed Practice

“Effects of the gap between exposures on later memory” - (Spacing Effects in Learning, 1095)

<http://slideplayer.com/slide/5006827/16/images/25/The+Spacing+Effect+Massed+practice:+many+trials+with+the+same+stimulus+are+undertaken+without+interruption..jpg>

<http://slideplayer.com/slide/5006827/16/images/43/Ebbinghaus%E2%80%99s+Forgetting+Function.jpg>

In simple terms - “Do not cram if you want your learning to last!”



KORN2090 changes

Course Outline:

Every week, students will study reading and listening passages related to the theme of the week:

Week 1	Theme: Geography & Environment / Culture & Society
Week 2	Theme: Culture & Society / Science & Technology
Week 3	Theme: Economy & Politics / Military & Security
Week 4	Theme: Culture & Society
Week 5	Theme: Economy & Politics / Science & Technology
Week 6	Theme: Military & Security / Health

Daily Class Structure:

12:00-13:00	Homework Discussion
13:00-13:45	Core: Listening & Reading Lesson
14:00-14:50	Core: Listening & Reading Lesson
15:00-15:50	Core: Listening & Reading Lesson

Course Materials:

Throughout the course, students will study authentic reading and listening passages selected from the following online sources:

Changes: 6 weeks, 4 hour/day platform and 4 hours online to 15 weeks twice a week.

Every week, students will study reading and listening passages related to the theme of the week:

Week 1	Theme: Geography & Environment
Week 2	Theme: Culture & Society
Week 3	Theme: Science & Technology
Week 4	Theme: Economy & Politics
Week 5	Theme: Culture & Society
Week 6	Theme: Economy & Politics
Week 7	Presentations/Midterms
Week 8	Theme: Culture & Society
Week 9	Theme: Science & Technology
Week 10	Theme: Economy & Politics
Week 11	Theme: Military & Security
Week 12	Theme: Culture & Society
Week 13	Theme: Economy & Politics
Week 14	Theme: Science & Technology
Week 15	Presentations/Final

Daily Class Structure:

08:00-10:00	Independent Studies/Review
10:00-10:50	Homework Discussion
11:00-11:50	Core: Listening & Reading Lesson
12:00-13:00	Lunch
13:00-13:50	Core: Listening & Reading Lesson
14:00-14:50	Core: Listening & Reading Lesson

WhyC

- Many students stagnate at level 2
- Balance between mission and school
- Enhances memory and learning of new concepts
- Give time to absorb and review learned material
- Avoid massed distribution (cramming for DLPT)
- Avoid information overload and burnout

Challenges to overcome

Requirement

- SLTE requirement
- 150 hours consecutive
- Difficult to divide learning

Resources

- Classrooms
- Instructors

Mindset

- DLPT prep
- No need for speaking or writing
- Cramming

We don't grow when things are easy,
we grow when we face challenges

For More information on Spacing Effect

Cepeda, N. J., Vul, E., Rohrer, D., Wixted, J. T., & Pashler, H. (2008). Spacing effects in learning: A temporal ridgeline of optimal retention. *Psychological Science*, 19, 1095-1102. DOI : 10.1111/j.1467-9280.2008.02209.x.

Bell, M. C., Kawadri, N., Simone, P. M., & Wiseheart, M. (2014) Long-term memory, sleep, and the spacing effect, *Memory*, 22:3, 276-283, DOI: 10.1080/09658211.2013.778294.

Carpenter, S.K. (2014) *Applying Science of Learning in Education: Spacing and Interleaving of Study and Practice*. Retrieved from the Society for the Teaching of Psychology website: <http://teachpsych.org/ebooks/asle2014/index.php>.

Dempster, F. (1988). The spacing effect: A case study in the failure to apply the results of psychological research. *American Psychologist*, 43(8), 627-634. DOI:10.1037//0003-066X.43.8.627

Kang, S. H. (2016). Spaced repetition promotes efficient and effective learning policy implications for instruction. *Policy Insights from the Behavioral and Brain Sciences*, 3(1), 12-19. DOI: 10.1177/2372732215624708.

Rogers, J. (2017). The spacing effect and its relevance to second language acquisition. *Applied Linguistics*, Amw052, 052. DOI:10.1093/applin/amw052.

Schuetze, U. (2014) Spacing techniques in second language vocabulary acquisition: Short-term gains vs. long-term memory. *Language Teaching Research*. 9 (1) 28 - 42, DOI: 10.1177/1362168814541726.



Questions?