

The science behind doodling and drawing



'When students draw they are more motivated to learn.'

Ainsworth et al (2011)

'Recent research in neuroscience, psychology and design shows that doodling can help people stay focused, grasp new concepts and retain information.'

Shallengarger (2014)

'The doodling group performed better on the monitoring tasks and recalled 29% more information on a surprise memory test. Unlike many dual task situations, doodling while working can be beneficial.'

Andrade et al (2009)

There's a reason why doodles show up in the notebooks of our most celebrated thinkers, scientists, writers, and innovators. [...] A doodler is concentrating intently, sifting through information, conscious and otherwise and – more often than we realise – generating massive insights.

Brown (2015)



Capturing important ideas by hand, whether writing words or creating images, stimulates neural pathways between motor, visual, and cognitive skills. In other words, writing and drawing can make us smarter.

Mullellor (2014)

'Picture superiority effect' means that images are better remembered than words. Studies show 'Drawing a to-be-remembered stimulus was superior to writing it out'. 'Drawn words were better recalled than written.'

Wammes et al (2014).



A process to help you achieve creativity, variety and fun in your lessons:



Did you know?

Capturing important ideas by hand, whether writing words or creating images, stimulates neural pathways between motor, visual and cognitive skills. In other words, **writing and drawing can make us smarter.**

Mulleter (2014)



- 1. Listen & draw:** An easy way to check listening skills is to simply ask students to listen to you or the audio and draw what they hear.
Tip: Pick a text that isn't too long. Pause after each sentence to give students time to think and draw.
- 2. Speak, listen & draw:** Students work in small groups. One student will be the speaker while the other(s) listen and draw.
Tip: Encourage them to share their pictures in the group and ask questions. Did they draw the same thing? Why or why not?
- 3. Read & draw:** Create a blank bingo card template for each student. Write a list of vocabulary previously studied on the board. Learners draw a picture in each square using a word chosen from the board. Once the cards have been filled in, it's time to play bingo! Who will get a row first?
- 4. Draw & create:** Choose a song from your course, learn the song, put students in pairs and give each pair a line from the song and ask them to draw it. Take a photo of each picture in the correct order of the song and create a video using a free-video production software.

Explore

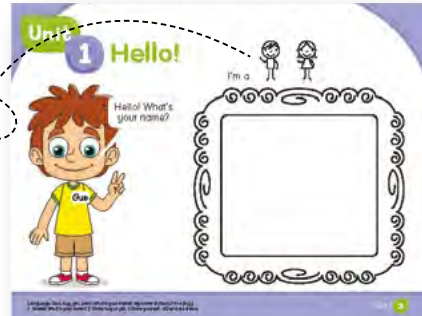
Doodle Town

Discover how **Doodle Town** will encourage your students to use artwork and drawing to improve their memory, experience, imagination and observation.

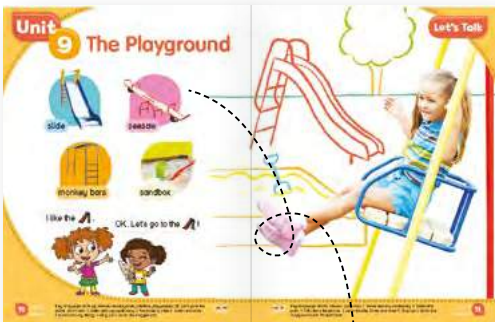


Personalisation:

Stimulate self-expression and encourage creativity and confidence with personalised activities that further develop early literacy skills.



Literacy Skills Pad Level 1, Unit 1, Lessons 1 & 2



Student's Book, Level 1, Unit 9, Lessons 1 & 2

Socio-emotional Development:

Watch your students become well-rounded, confident learners with the help of sign-posted **Values** activities, such as singing, which aid in strengthening understanding and memory.

Presentation:

Instantly engage students by helping them understand and memorise target language with a **Language Presentation Song** accompanied by TPR actions and photo cards.



Student's Book, Level 1, Unit 9, Lessons 3 & 4

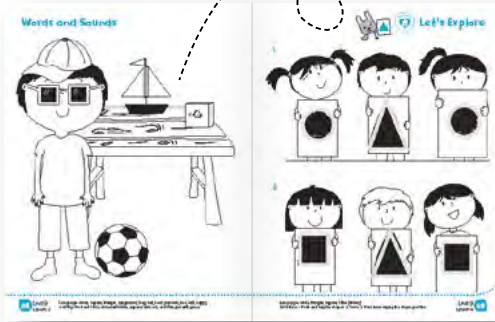
Motor Skills Development:

Help children develop both gross and fine motor skills alongside hand-eye coordination with the Student's Book, Activity Book and Learning Centres.



Literacy Development:

Doodle Town includes both fiction and non-fiction texts and teaches students basic constructs such as narrative skills, working with speech bubbles to tell a story, and reviewing a story.



Activity Book, Level 1, Unit 9, Lessons 3 & 4

Math, Creative and Physical Development:

Boost creative skills and awareness by encouraging students to engage in a hands-on exploration of number and maths concepts.



Student's Book, Level 1, Unit 9, Lessons 5 & 6

Focused Listening:

Listening comprehension exercises help students consolidate language through simple pointing and circling activities.



Student's Book, Level 1, Unit 9, Lessons 7 & 8



Everything you need
to support great teaching
and effective learning

Course Components



Components	ISBN
Doodle Town Nursery Level Student's Book Pack	9780230492059
Doodle Town Nursery Level Teacher's Edition Pack	9780230492066
Doodle Town Level 1 Activity Book	9780230486379
Doodle Town Level 1 Literacy Skills Pad	9780230491892
Doodle Town Level 1 Math Skills Pad	9780230491724
Doodle Town Level 1 Student's Book Pack	9780230492097
Doodle Town Level 1 Teacher's Edition Pack	9780230492103
Doodle Town Level 2 Activity Book	9780230486409
Doodle Town Level 2 Literacy Skills Pad	9780230491762
Doodle Town Level 2 Math Skills Pad	9780230491731
Doodle Town Level 2 Student's Book Pack	9780230492134
Doodle Town Level 2 Teacher's Edition Pack	9780230492141
Doodle Town Level 3 Activity Book	9780230487369
Doodle Town Level 3 Literacy Skills Pad	9780230491809
Doodle Town Level 3 Math Skills Pad	9780230491779
Doodle Town Level 3 Student's Book Pack	9780230492172
Doodle Town Level 3 Teacher's Edition Pack	9780230492189
Doodle Town Photo Cards	9781786328311
Doodle Town Puppet	9781786328335