# AI and
# 21st century skills

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**Let's walk away**

- Having discussed 21st cen skills
- Knowing how to prompt
- With a real usable lesson plan

# What's your experience?

use it too much

use it daily

use it weekly

use it only sometimes

have never tried

**Share with your neighbour**

How much time do you dedicate to 21st century skills?
How important do you consider teaching those skills?
Which of these are most vital in your opinion?

# A very quick look at 21st century skills

- Analytical Thinking (69%)
- Resilience, Flexibility, and Agility (67%)
- Leadership and Social Influence (61%)
- Creative Thinking (57%)
- Motivation and Self-Awareness (52%)
- Technological Literacy (51%)
- Empathy and Active Listening (50%)
- Curiosity and Lifelong Learning (50%)
- Talent Management (47%)
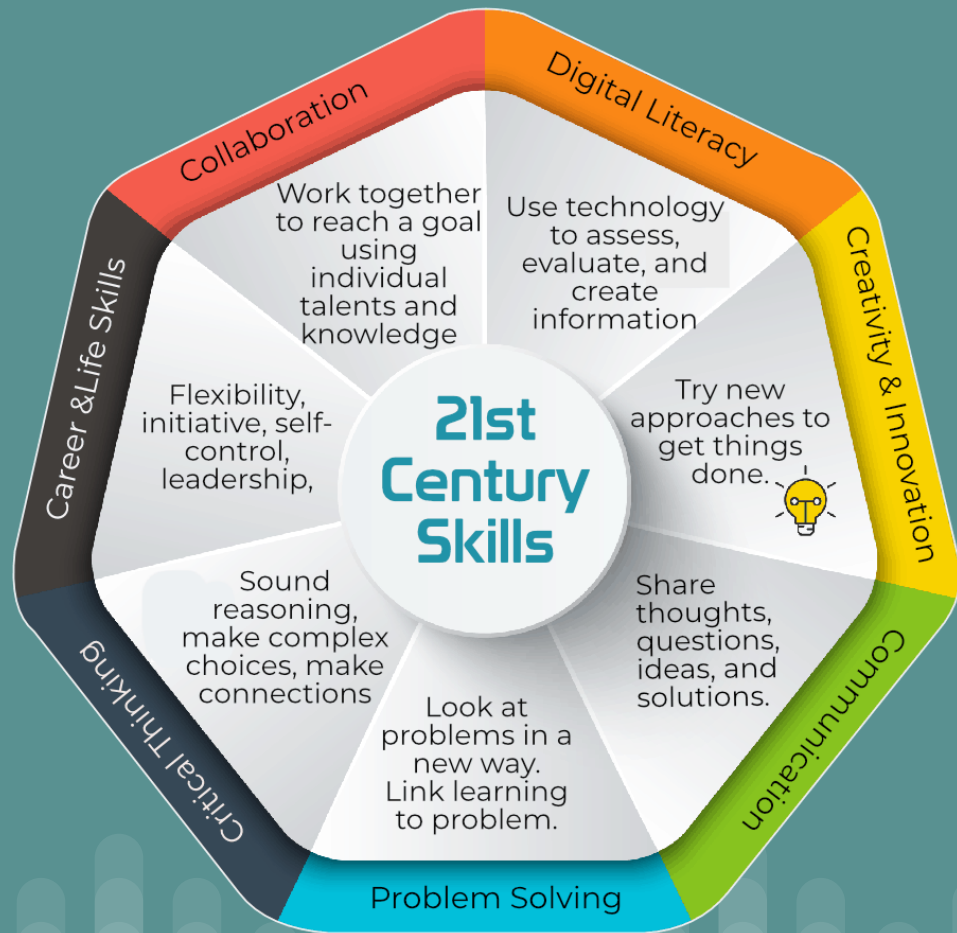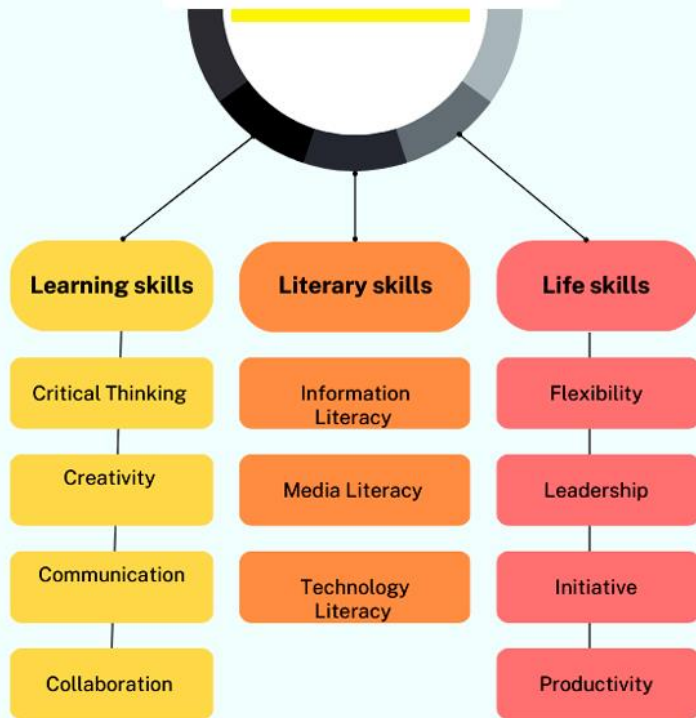- Service Orientation and Customer Service (47%)

World Economic Forum, Future of Jobs Report 2025

**TOP 3 Emerging skills (Food for thought)**

1. AI and big data
2. Networks and cybersecurity
3. Technological literacy

**21St century skills**

**Learning skills**
- Critical Thinking
- Creativity
- Communication
- Collaboration

**Literary skills**
- Information Literacy
- Media Literacy
- Technology Literacy

**Life skills**
- Flexibility
- Leadership
- Initiative
- Productivity

**21st Century Skills**

**Collaboration** — Work together to reach a goal using individual talents and knowledge

**Digital Literacy** — Use technology to assess, evaluate, and create information

**Creativity & Innovation** — Try new approaches to get things done.

**Communication** — Share thoughts, questions, ideas, and solutions.

**Problem Solving** — Look at problems in a new way. Link learning to problem.

**Critical Thinking** — Sound reasoning, make complex choices, make connections

**Career &Life Skills** — Flexibility, initiative, self-control, leadership,

# Prompting

Viip, viipamine

# Different mnemonics for prompts

**T**houghtfully

**C**reate

**R**eally

**E**xcellent

**I**nput

C

R

A

F

T

# Different mnemonics for prompts

Task

Context

Reference

Evaluate

Iterate

**Context**

**Role**

**Action**

**Format**

**Target**

# Different mnemonics for prompts

Task = Persona/Audience + Format
Context = FUNNEL
Reference = templates, documents, guidelines
Evaluate = review results; rule of three
Iterate = repeat with tweaks

# Different mnemonics for prompts

Context - specific background information, guidelines, levels

Role - AI should act as...?

Action - what output should it create?

Format

Target

# Jeff Su https://www.youtube.com/watch?v=jC4v5AS4RIM

Task

Context

Exemplar

Persona

Format

**Tone**

# Tips for prompting from pros

Rule of three – ask for 3 variations on the thing you need. Explore the ones given. Then keep prompting on the one that you like best.

Iterate – Alter your sentences. Change your output (different format will give new results).

Shorter tasks work better. Break the process down into stages for AI.

# Tips for prompting from me

Edit your settings. You can add your preferred variety of English.

Use different chats. If you've uploaded your materials to a chat, you can easily keep developing materials w/o the need to constantly outline your specifications.

Limitations based on account type - ask AI not to explain or comment to save space and time.

Use reference materials - RÕK, PRÕK, CERF, Cambridge assessment scales, etc to get good results

Start with the most important information.

Define the output you need.

Be as specific as you can.

Add information on a need-to-know basis.

Choose one of the following AI solutions:
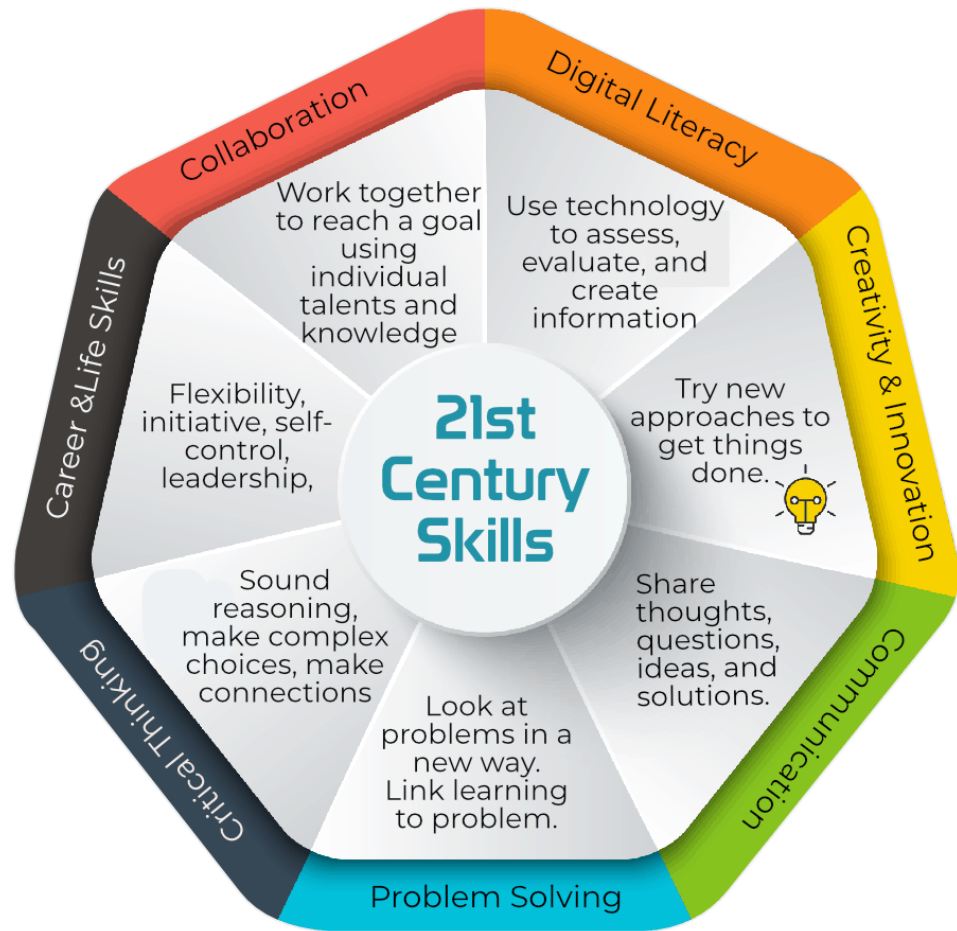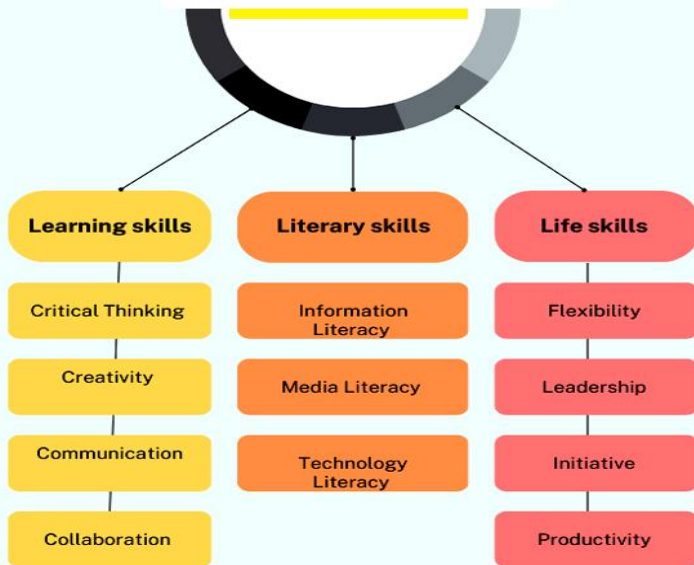ChatGPT
Perplexity
Claude
Gemini
Use your work google account. Stay safe online. If you run out of chatspace, use another.

# Choose your skill



21St century skills

Learning skills
- Critical Thinking
- Creativity
- Communication
- Collaboration

Literary skills
- Information Literacy
- Media Literacy
- Technology Literacy

Life skills
- Flexibility
- Leadership
- Initiative
- Productivity



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# Facts about Wales

Find video

Convert to MP3

Turn into transcript

Use as input for lesson plan

What Claude created is available here

**Ask your chosen assistant to compile three versions of a lesson plan with a focus on your chosen skill + topic.**

- Reference document? Only a link will be enough
- Target audience? Any SEN students?
- Any specific activity you want included?
- How do you want your materials? (Slides, docs, etc.)

# Maybe you have a source video you want to use? But AI can't work well with video files.
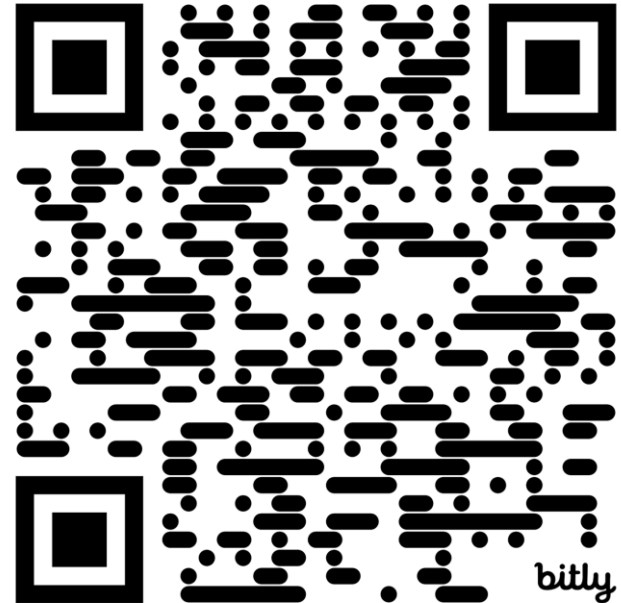
Convert Youtube to mp3

Convert mp3 to text (Whisper is free for 3 files a day)

Now that you've got a transcript, run it through AI to create questions, gapped texts, vocabulary tasks, etc

**Birgy Lorenz, Tallinn University**
**Course on AI for English teachers**

# CommonSense media literacy materials

https://www.commonsense.org/education/digital-literacy