

# IT tasks kids can do related to Christmas (choose according to skills level)



## 1. Decorate a Virtual Christmas Tree

- **Task:** Use online games or apps like **ABCya** or **PBS Kids** where kids can decorate a virtual Christmas tree by dragging ornaments.
- **Skills Developed:** Basic mouse skills, creativity.
- **Tools:** ABCya, PBS Kids, Toca Boca Christmas apps.

## 2. Create a Christmas Picture in Paint

- **Task:** Kids can use a simple drawing tool like **Microsoft Paint** or a tablet app to draw a Christmas scene (snowman, tree, presents).
- **Skills Developed:** Digital art, mouse control, creativity.
- **Tools:** Microsoft Paint, Paint 3D, Procreate.

## 3. Christmas-Themed Puzzle Games

- **Task:** Play online Christmas-themed educational games like matching games, jigsaw puzzles, or memory games.
- **Skills Developed:** Problem-solving, cognitive skills.
- **Tools:** ABCmouse, Starfall, Christmas-themed puzzle apps.

## 4. Christmas E-Card Maker for Kids

- **Task:** Use a simple card-making app or website to create and send a Christmas e-card to family or friends.
- **Skills Developed:** Basic design, creativity, sharing online.
- **Tools:** Canva for Kids, PBS Kids.

## 5. Create a Christmas Story with Stickers and Animations

- **Task:** Kids can use apps like **Toontastic 3D** or **ChatterPix Kids** to create simple Christmas stories by adding stickers, voice recordings, and animations.
- **Skills Developed:** Storytelling, basic animation, creativity.
- **Tools:** Toontastic 3D, ChatterPix Kids.

## 6. Holiday-Themed Typing Practice

- **Task:** Use fun, Christmas-themed typing games to improve their keyboard skills.
- **Skills Developed:** Typing, hand-eye coordination.
- **Tools:** BBC Dance Mat Typing, Typing Club (Christmas-themed games).

## 7. Christmas Coloring Pages Online

- **Task:** Color Christmas-themed pages using an online coloring book app or website.

- **Skills Developed:** Color recognition, creativity, digital drawing.
- **Tools:** Crayola Color Wonder, Coloring Pages for Kids.

## 8. Christmas Music Coding with Scratch Jr.

- **Task:** Use **Scratch Jr.** to create a simple project where characters move or play sounds in time with a Christmas song.
- **Skills Developed:** Basic coding, pattern recognition.
- **Tools:** Scratch Jr., Tynker (beginner version).

## 9. Make a Christmas Collage

- **Task:** Use apps like **Pic Collage** to make a fun Christmas collage with family photos, stickers, and text.
- **Skills Developed:** Creativity, basic digital manipulation.
- **Tools:** Pic Collage, Adobe Spark for Kids.

## 10. Build a Christmas Scene in a Block-Based Game

- **Task:** In simple block-based building games like **Toca Blocks** or **Lego Builder**, kids can create a Christmas-themed world.
- **Skills Developed:** Spatial awareness, creativity, basic problem-solving.
- **Tools:** Toca Blocks, Lego Builder.

## MORE ADVANCED

### 1. Design Christmas E-cards

- **Task:** Use online design tools like **Canva** or **Pixlr** to create digital Christmas cards.
- **Skills Developed:** Graphic design, creativity, basic image editing.
- **Tools:** Canva, Pixlr, Paint 3D.

### 2. Code a Christmas Greeting Webpage

- **Task:** Create a simple webpage with HTML and CSS to display a Christmas greeting or story.
- **Skills Developed:** Basic web development (HTML, CSS).
- **Tools:** Notepad++, CodePen, or any text editor.

### 3. Create a Digital Christmas Tree with Scratch

- **Task:** Use **Scratch** (a block-based coding platform) to make a digital Christmas tree that lights up when clicked.
- **Skills Developed:** Basic programming logic, creativity.
- **Tools:** Scratch.

#### 4. Make a Christmas Countdown App

- **Task:** Build a simple Christmas countdown timer using **Python** or a web-based coding platform like **Glitch**.
- **Skills Developed:** Basic programming, time management with code.
- **Tools:** Python, Glitch, repl.it.

#### 5. Set Up Christmas Lights Automation

- **Task:** Kids can use basic electronics kits like **Arduino** or **Raspberry Pi** to automate Christmas lights.
- **Skills Developed:** Electronics, basic coding, problem-solving.
- **Tools:** Arduino, Raspberry Pi.

#### 6. Design a Christmas-Themed Video Game Level

- **Task:** Create a simple Christmas-themed video game level using platforms like **Tynker** or **Roblox Studio**.
- **Skills Developed:** Game development, level design, creativity.
- **Tools:** Tynker, Roblox Studio, Unity.

#### 7. Build a Christmas Wishlist Database

- **Task:** Create a database to track family and friends' Christmas wishlists using **Google Sheets** or **Excel**.
- **Skills Developed:** Data management, basic spreadsheet skills.
- **Tools:** Google Sheets, Excel.

#### 8. Create a Holiday Photo Slideshow with Transitions

- **Task:** Kids can gather family photos and create a Christmas slideshow with effects using **PowerPoint** or **Google Slides**.
- **Skills Developed:** Presentation, basic video editing.
- **Tools:** PowerPoint, Google Slides.

#### 9. Write a Christmas Story in a Choose-Your-Own-Adventure Style

- **Task:** Use a platform like **Twine** to create an interactive Christmas story where the reader makes choices.
- **Skills Developed:** Storytelling, logic, decision-making.
- **Tools:** Twine.

#### 10. Decorate a Virtual Christmas Tree in Minecraft

- **Task:** Build and decorate a Christmas tree and festive scene within **Minecraft** using redstone and creative blocks.
- **Skills Developed:** Creativity, 3D design, basic engineering (redstone).
- **Tools:** Minecraft.