```
% !TEX encoding = UTF-8 Unicode
% !TEX program = pdflatex
\documentclass[border = 1cm, tikz]{standalone}\usepackage{tikz-3dplot}
\begin{document}
    \makeatletter\let\oldpointxyz\pgfpointxyz\def\pgfpointxyz#1#2#3{% perspective projection
        \oldpointxyz{#1-\camerax}{#2-\cameray}{#3-\cameraz}%%% (x,y,z) is camera center
        \pgfmathsetmacro\depth{\rcarot*\pgftemp@x+\rcbrot*\pgftemp@y+\rccrot*\pgftemp@z}
        \pgfmathsetlength\pgf@x{\pgf@x*\cameras/(\camerad-\depth)}%%% camera scale and distance
        \pgfmathsetlength\pgf@y{\pgf@y*\cameras/(\camerad-\depth)}}\makeatother
    \tdplotsetmaincoords{50}{120}%視角
    \def\camerax{0}\def\cameray{0}\def\cameraz{8}\def\camerad{40}\def\cameras{20}%相機中心、距離、倍率
    \begin{tikzpicture}[tdplot_main_coords]
        \def\block(#1,#2,#3)[#4,#5,#6];{
            \pgfmathsetmacro\a{#1}\pgfmathsetmacro\A{\a+1}
            \pgfmathsetmacro\b{#2}\pgfmathsetmacro\B{\b+1}
            \pgfmathsetmacro\c{#3}\pgfmathsetmacro\C{\c+1}
            \pgfmathsetmacro\rnd{rnd*10}
            \fill[.!\rnd!#4](\a,\b,\C)--(\A,\b,\C)--(\A,\B,\C)--(\a,\B,\C)--cycle;%上蓋
            \fill[.!\rnd!#5](\A,\b,\c)--(\A,\B,\c)--(\A,\B,\C)--(\A,\b,\C)--cycle;%左側面
            \fill[.!\rnd!#6](\a,\B,\c)--(\a,\B,\C)--(\A,\B,\C)--(\A,\B,\c)--cycle;%右側面
        }
        \colorlet{g1}{green!80!.}\colorlet{d1}{brown!80!.}%\colorlet{s1}{gray!80!.}%上色
        \colorlet{g2}{green!65!.}\colorlet{d2}{brown!65!.}%\colorlet{s2}{gray!65!.}%左色
        \colorlet{g3}{green!50!.}\colorlet{d3}{brown!50!.}%\colorlet{s3}{gray!50!.}%右色
        \def\grass(#1,#2,#3){\block(#1,#2,#3)[g1,g2,g3]}%草方塊
        \def\dirt(#1,#2,#3){\block(#1,#2,#3)[d1,d2,d3]}%土方塊
        %\def\stone(#1,#2,#3){\block(#1,#2,#3)[s1,s2,s3]}%石方塊
        \foreach \x in {-15, ..., 15}{
            \foreach \y in {-15, ..., 15}{
                \pgfmathtruncatemacro\radi{sqrt((\x)^2 + (\y)^2)}%限制半徑
                \ifdim\radi pt < 15pt%方圓 15 公尺
                    \pgfmathtruncatemacro\Z{sin(\x*31-\y*19) * 3.5 +
                                            sin(\x*17+\y*26) * 2 + 5.5}%地形函數
                    %\foreach \z in {0, ..., \Z}{\stone(\x,\y,\z)}%石頭
                    \dirt(\x,\y,\Z);%放土
                    \dirt(\x,\y,\Z+1);%放土
                    \grass(\x,\y,\Z+2);%放草
                \fi
            }
        }
    \end{tikzpicture}
\end{document}
```