# Computing 'Children Build Skills' Overview: Music and Sound

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| **Y1** | • Explore a range of electronic music and sound devices including software and different peripherals<br>• Talk about their music when they share their recordings with the rest of the class<br>• Use software to explore sound and musical phrases, create and edit musical phrases for a specific purpose and talk about their choices |
| **Y2** | • Select and use devices for recording sound for a specific purpose e.g. Talking Tins, MP3 recorder, microphone and online<br>• <span style="color:red">Know the risks involved when accessing resources from the Internet</span><br>• Use software to explore sound and musical phrases, create edit and refine musical phrases for a specific purpose and talk about their choices<br>• Exploring a range of sounds on an electronic instrument and choose appropriate sounds for a purpose<br>• Use the sound features of programs to add to their work e.g. Purple Mash tools |
| **Y3** | • Select and record voice and sounds e.g. Dictaphone, MP3 or digital voice recorder, Talking Tins<br>• Use music software to organise and reorganise musical phrases using icons to create a piece of music for a theme and talk about how technology enabled them to do so<br>• Use sound editing tools to edit / merge sound effects and music to create a sound story |
| **Y4** | • Use music software to organise and reorganise musical phrases to create a piece of music for a theme<br>• Record their voice and other sounds using the sound recording tool to add to their presentations or information<br>• Use technology to combine and layer sounds to create sound stories or backing tracks<br>• Share work on the internet for others to play and review<br>• <span style="color:red">Know the school's online safety rules and the risks involved when sharing resources on the Internet</span> |
| **Y5** | • Create their own sounds and compositions to add to their presentations/films/images/photos<br>• Begin to have an awareness of different sound file formats. – e.g. .mp3 files are smaller than .wav and may be more suited to import into a multimedia presentation<br>**Podcasting (longer unit)**<br>• Plan and create a broadcast considering genre and style<br>• Record and edit a radio-style broadcast use sound manipulation software to edit their broadcast considering audience and style<br>• Upload their work on the internet for self and peer evaluation<br>• <span style="color:red">Know the risks in uploading resources to the Internet</span> |
| **Y6** | • Independently choose and use an appropriate device to record sounds in order to create a sound file<br>• Choose to use software independently to manipulate sounds using computer software e.g. remove unwanted silences, trimming start and end<br>• Use technology to produce sound and music for a specific purpose, considering the impact on the audience e.g. length or sound level of performance<br>• Use the sounds, music created in a film project (see Digital Imagery unit) |